REMEDIAL INVESTIGATION REPORT

for

335 BOND STREET
BROOKLYN, NEW YORK

NYSDEC BCP NO.: C224225
Block 445, Lot 1

Prepared For:

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Brooklyn, New York 11231

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LANGAN

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LIST OF ACRONYMS

Acronym	Definition
ABFE	Advisory Base Flood Elevation
AOC	Area of Concern
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	below grade surface
BHC	beta- benzene hexachloride
BOD	Biochemical Oxygen Demand
CAMP	Community Air Monitoring Program
COC	Contaminant of Concern
COD	Chemical Oxygen Demand
DCE	Dichloroethene
DER	Department of Environmental Remediation
DHC	Dehalococcoides
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Approval Program
ESA	Environmental Site Assessment
ESI	Environmental Site Investigation
eV	Electron Volt
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FWRIA	Fish and Wildlife Resources Impact Analysis
GPR	Ground Penetrating Radar
HASP	Health and Safety Plan
HDPE	High Density Polyethylene
ICP-AES	Inductively Coupled Plasma Atomic Emission Spectrometry
LNAPL	Light Non-Aqueous Phase Liquid
LQG	Large Quantity Generator
mg/kg	Milligram per kilogram
msl	Mean sea level
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NFRAP	No Further Remedial Action Planned
NTU	Nephelometric Turbidity Units
NYCRR	New York Codes, Rules, and Regulations
NYSDOH	New York State Department of Health
NYSDEC	New York State Department of Environmental Conservation
PAH	Polycyclic Aromatic Hydrocarbon
PBS	Petroleum Bulk Storage

Acronym	Definition
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PFAS	Per- and Polyfluoroalkyl Substances
PFC	Perfluorinated Compound
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PID	Photoionization Detector
PPE	Personal Protective Equipment
ppm	Parts per million
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
RI	Remedial Investigation
RURR	Restricted Use Restricted-Residential
SCO	Soil Cleanup Objective
SGV	Standards and Guidance Values
SIM	Selective Ion Monitoring
SVOC	Semivolatile Organic Compound
TAGM	Technical and Administrative Guidance Memorandum
TAL	Target Analyte List
TCA	Trichloroethane
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TOC	Total Organic Carbon
TOGS	Technical and Operational Guidance Series
µg/L	Microgram per liter
µg/m^3	Microgram per cubic meter
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
UU	Unrestricted Use
VOC	Volatile Organic Compound

CERTIFICATION

I, Ryan Manderbach, certify that I am currently a Qualified Environmental Professional (QEP) as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in accordance with the DER-approved work plan and any DER-approved modifications.



Ryan Manderbach, CHMM

1.0 INTRODUCTION

This Remedial Investigation Report (RIR) was prepared on behalf of E & M Realty Corp. (the Volunteer) for 335 Bond Street in Brooklyn, New York (the site). The Volunteer was accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) to remediate the site in accordance with the August 25, 2015 Brownfield Cleanup Agreement (BCA) for Site No. C224225.

This RIR presents environmental data and findings from the Subsurface Investigation implemented on May 2, 2015, the Remedial Investigation (RI) implemented from March 11 through 19, 2017, the supplemental RI implemented on July 7 and July 18, 2018, and the off-site Soil Vapor Investigation (SVI) on September 23, 2022. The investigations were completed by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan). The RI, supplemental RI, and off-site SVI were conducted in accordance with the January 11, 2016 Remedial Investigation Work Plan (RIWP), prepared by Langan, Title 6 of the New York Codes, Rules, and Regulations (6 NYCRR) Part 375-3.8, NYSDEC Division of Environmental Remediation (DER) Program Policy: Technical Guidance for Site Investigation and Remediation (DER-10), and the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York. The objectives and goals of this RIR are to:

- Define the nature and extent of contamination in all media at or emanating from the site
- Generate sufficient data to evaluate the remedial action alternatives and prepare a Remedial Action Work Plan (RAWP) to be implemented concurrently with site redevelopment
- Generate sufficient data to evaluate the actual and potential threats to human health and the environment

The remainder of this report is organized as follows:

- Section 2.0 describes the setting and physical characteristics of the site
- Section 3.0 describes the site background including results of previous investigations and identified areas of concern (AOCs)
- Section 4.0 presents the investigation field procedures
- Section 5.0 describes the field observations and analytical results
- Section 6.0 presents an assessment of the exposure risks of site contaminants to human, fish, and wildlife receptors

- Section 7.0 presents the nature and extent of contamination in site media as determined through the field investigation and analysis of environmental samples
- Section 8.0 summarizes the results of the investigation and presents conclusions based on field observations and analytical results
- Section 9.0 presents the references used in preparation of this report

2.0 SITE PHYSICAL CHARACTERISTICS

2.1 Site Description

The site is located at 335 Bond Street in the Gowanus neighborhood of Brooklyn, New York and is identified as Block 445, Lot 1 on the Brooklyn Borough Tax Map. The 0.36-acre site is occupied by a one-story office building and garage operated by NYC Two Way International, a private car and limousine service. The building includes a partial cellar that contains an inactive aboveground storage tank (AST) in a concrete vault. A site location map is provided as Figure 1 and the site boundaries are shown on Figure 2.

2.1.1 Surrounding Property Land Use

The site is located in an urban setting that is characterized by residential, commercial, and industrial buildings. The site is bordered by a two-story industrial building and an industrial lot to the north; a restaurant and industrial lot to the east; Carroll Street and a Fire Department City of New York (FDNY) emergency medical services station to the south; and Bond Street followed by multiple-family residential buildings to the west. Surrounding properties are predominantly occupied by mixed-use industrial and commercial developments (north, east and south) and residential developments (south and west). Due to its urban nature, major infrastructure (storm drains, sewers, and underground utility lines) exist around the site.

Land use within a half mile of the site is urbanized and characterized by mixed-use buildings, parks, schools, and major infrastructure including subway tunnels, underground utility lines, storm drains, and sewers. The nearest ecological receptor is the Gowanus Canal, which is located about 175 feet east of the site. Sensitive receptors, as defined in DER-10, located within a half mile of the site include those listed below:

Number	Name (Approximate distance from Site)	Address
1	New Horizons School (approximately 0.13 miles northwest)	317 Hoyt Street Brooklyn, NY 11231
2	P.S. 32 Samuels Mills Sprole School (approximately 0.14 miles northwest)	317 Hoyt Street Brooklyn, NY 11231
3	Rivendell School (approximately 0.25 miles east)	277 3rd Avenue Brooklyn, NY 11215
4	Bethel Day Care Center (approximately 0.30 miles northwest)	242 Hoyt Street Brooklyn, NY 11217
5	New Dawn Charter High School (approximately 0.30 miles northwest)	242 Hoyt Street Brooklyn, NY 11217

Number	Name (Approximate distance from Site)	Address
6	P.S. 372 The Children's School (approximately 0.30 miles east)	512 Carroll Street Brooklyn, NY 11215
7	Hannah Senesh Community School (approximately 0.30 miles west)	342 Smith Street Brooklyn, NY 11231
8	P.S. 58 The Carroll School (approximately 0.32 miles northwest)	330 Smith Street Brooklyn, NY 11231
9	The Olive Treehouse Group, LLP (approximately 0.33 miles southwest)	413 Smith Street Brooklyn, NY 11231
10	Al Madinah School (approximately 0.33 miles south)	383 3rd Avenue Brooklyn, NY 11215
11	Bumble Bee Daycare (approximately 0.35 miles southeast)	258 4th Avenue Brooklyn, NY 11218
12	Child's Play NY (approximately 0.37 miles west)	389 Court Street Brooklyn, NY 11231
13	Cobble Hill School of American Studies (approximately 0.42 miles north)	347 Baltic Street Brooklyn, NY 11201
14	Wyckoff Gardens Community Center (approximately 0.44 miles northeast)	272 Wyckoff Street Brooklyn, NY 11217
15	Bambi Childcare (approximately 0.45 miles west)	73 3rd Place Brooklyn, NY 11231
16	International School of Brooklyn (approximately 0.47 miles southwest)	477 Court Street Brooklyn, NY 11231
17	Court Street AMICO Daycare (approximately 0.47 miles northwest)	292 Court Street Brooklyn, NY 11231
18	Open House Nursery School (approximately 0.47 miles north)	381 Warren Street Brooklyn, NY 111201
19	Strong Place for Hope Day Care Center (approximately 0.47 miles southeast)	333 2nd Street Brooklyn, NY 11215
20	School for International Studies (approximately 0.48 miles northwest)	284 Baltic Street Brooklyn, NY 11201
21	P.S. 133 William A Butler (approximately 0.49 miles northeast)	610 Baltic Street Brooklyn, New York 11217
22	Natalie's Sunflower Academy LLC (approximately 0.50 miles east)	238 5th Avenue Brooklyn, NY 11215
23	J.H.S. 051 William Alexander School (approximately 0.50 miles southeast)	350 5th Avenue Brooklyn, NY 11215

A map showing the surrounding land uses and the locations of the nearest sensitive receptors is included as Figure 3.

2.1.2 Topography

According to a monitoring well survey completed by Langan on May 6, 2017, site grade ranges from about elevation (el) 9.3 in the northern portion of the site to el 10.5[1] in the southern portion of the site. The surrounding area slopes gently east toward the Gowanus Canal.

2.1.3 Surface Water and Drainage

The one-story office building and garage occupies the entire site footprint. Stormwater runoff from the top of the existing building is directed off the roof and discharged to the city municipal sewer system via catch basins located along the street curbs. If rainwater was to infiltrate the ground, it would percolate downwards toward the water table and join the anticipated regional flow. During heavy rain events, stormwater likely sheds to city catch basins within the street and/or overflows from surrounding impervious cover (concrete sidewalk, asphalt pavement etc.) into the Gowanus Canal.

According to the effective Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Panel 3604970211F effective September 5, 2007, the site is located within Zone AE, which is subject to inundation by the 1 percent annual chance of flood with a base elevation of el 10 National Geodetic Vertical Datum (NGVD) (about el 11.1 NAVD88)

2.1.4 Wetlands

Wetlands on or near the site were evaluated by reviewing the National Wetlands Inventory and NYSDEC regulated wetlands map. There are no wetlands located on the site; however, the Gowanus Canal, which is located just east of the site, is identified as an estuarine and marine deep water wetland.

2.2 Regional Geology and Hydrogeology

2.2.1 Regional and Site Geology

Soil and bedrock stratigraphy throughout Brooklyn typically consists of a layer of historic fill that overlies glacial till, decomposed unconsolidated bedrock, and bedrock. The USGS "Bedrock and

[1] National Vertical Datum of 1988. Datum refers to the National Vertical Datum of 1988 (NAVD88) which is approximately 1.1 feet above mean sea level datum at Sandy Hook New Jersey as defined by the United States Geologic Survey (USGS NGVD 1929).

Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey" indicates that the bedrock underlying the site is part of the Hartland Formation. The Hartland Formation is comprised of mica schist and quartz-feldspar granulite, with localized intrusions of granite and pegmatite. Based on a geotechnical investigation completed by Langan near the site, the minimum depth of bedrock is expected to be 100 feet below grade surface (bgs).

Based on observations made during the RI, the concrete building slab and exterior concrete sidewalk are underlain by a layer of historic fill about 4 to 8.5 feet bgs, predominately consisting of light brown to dark brown fine to medium sand with varying amounts of gravel, silt, concrete, brick, wood, coal flecks and glass fragments. The fill layer is underlain by brown, reddish-brown to grey, fine- to medium-grained sand with varying amounts of silt, silty sand, clay and gravel

2.2.2 Regional and Site Hydrogeology

Groundwater flow is typically topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flows toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeologic network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeologic and anthropogenic variables such as precipitation, evaporation, extent of vegetation cover, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, the presence of artificial fill, and variability in local geology and groundwater sources or sinks. The Brooklyn-Queens Aquifer is part of the United States Environmental Protection Agency (USEPA)-designated Sole Source Aquifer in Long Island, and has been used as a public water supply in the past, and may again in the future. Groundwater in the Gowanus section of Brooklyn is not used as a potable water source. Potable water provided to the City of New York is derived from surface impoundments in the Croton, Catskill, and Delaware watersheds.

Based on depth-to-water measurements collected during the RI, groundwater was encountered at about 5.7 to 7.3 feet bgs and appears to flow south-southwest; regional groundwater flow is expected to be east toward the Gowanus Canal. Underground utilities and other subsurface structures may locally influence the direction of groundwater flow.

3.0 SITE BACKGROUND

This section describes historical site use, the proposed redevelopment, and provides discussion on the findings from previous environmental investigations. AOCs were developed based on a review of the previous reports and are summarized in Section 3.4.

3.1 Historical Site Use

The site and surrounding area have been developed since the late 1800s, and are located in an urban setting historically characterized by industrial and commercial development. Historical uses of the property have included the following:

- Lath and lumber yard (1886)
- Sand materials storage (1904 to 1915)
- Garage with gasoline underground storage tanks (UST) (1928 to 1938)
- Crating for export (1950)
- Commercial delivery service (1969)
- Manufacturing (1981 to 1996)
- Car service (2001 to present)

Adjacent and surrounding properties were historically used for industrial and manufacturing purposes.

3.2 Proposed Redevelopment Plan

The proposed redevelopment project is still in early planning stages and is subject to change as potential zoning changes materialize. Remediation would occur prior to or concurrently with the proposed redevelopment. Remediation would be completed in accordance with an approved RAWP and Construction Health and Safety Plan (CHASP).

3.3 Previous Investigation Report

The previous environmental report is summarized below and is included as Appendix A.

May 6, 2015 Subsurface Investigation Letter Report, prepared by Langan

Langan implemented a Subsurface Investigation (SI) on May 2, 2015 to evaluate soil, groundwater, and soil vapor quality. The investigation included a geophysical survey, advancement of five soil borings to depths of up to nine feet bgs, installation of one temporary groundwater monitoring well and one temporary sub-slab soil vapor sampling point, and collection of soil, groundwater, and soil vapor samples.

Field observations and laboratory analytical results are summarized below:

- Abandoned Aboveground Storage Tank (AST) – Langan observed an abandoned, approximately 1,000-gallon AST located within a concrete vault in the partial cellar. The AST was corroded and approximately 3 to 4 inches of standing water was noted at the base of the vault. The fill line associated with the AST was observed to be cut, and evidence of fill port removal operations were observed (i.e., a concrete sidewalk patch) on the adjacent sidewalk along Carroll Street.
- Potential Drainage Features – One approximately 14-inch by 14-inch perforated, steel plate covering a potential drainage feature was located in the central portion of the garage. Debris including a concrete block, bricks, and soil were observed beneath the steel plate. The top four inches of the potential drainage feature were exposed and appeared to be constructed of the existing concrete slab and brick. A second potential drainage feature was observed approximately 2 feet to the southwest and was covered by an approximately 24-inch by 24-inch solid, steel plate.
- Soil – Below the garage slab, the subsurface strata consisted of fill material characterized by loose, brown, fine to coarse sand with some brick and concrete fragments, and trace coal ash. The fill layer extended to depths ranging from approximately 4 to 8.5 feet bgs and was intersected by layers of degraded concrete and brick at varying depths. Native sand and silty sand were observed beneath the fill layer. A sweet, solvent-like odor was noted in one of the soil borings (SB03) at a depth interval of 5 to 6 feet bgs. One volatile organic compound (VOC), PCE; three semivolatile organic compounds (SVOCs), benzo(a)anthracene, benzo(k)fluoranthene, chrysene; and five metals, arsenic, copper, lead, mercury, nickel, and zinc exceeded Part 375 Unrestricted Use and/or Restricted Use Residential Soil Cleanup Objectives (SCOs).
- Groundwater – One VOC, cis-1,2-dichloroethene; and four metals, aluminum, manganese, selenium, and sodium exceeded NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values (SGV) for Class GA groundwater.
- Soil Vapor – Two VOCs, PCE and trichloroethene (TCE), were detected in soil vapor at concentrations exceeding NYSDOH Air Guidance Values (AGV).

3.4 Summary of Areas of Concern (AOC)

Based on site observations, site history, and findings of the previous environmental investigations, the AOCs further investigated during the RI are described below and shown on Figure 4.

AOC 1: Historic Fill

AOC 1 represents a layer of historic fill of unknown origin identified between ground surface and about 4 to 8.5 feet bgs. The fill material contains VOC, SVOCs, and metals at concentrations above Restricted Use Residential SCOs. The nature and extent of historic fill impacts was delineated and characterized during the RI.

AOC 2: Historical Site Use

AOC 2 represents historical site uses that included industrial, manufacturing, and commercial properties. A garage is currently located on the property and historical records indicate the presence of gasoline storage tanks.

AOC 3: Potential Gasoline USTs

Based on a review of Sanborn Fire Insurance Maps, potential gasoline USTs were present in the western portion of the site in 1938. Inadvertent releases of petroleum products from these USTs may have impacted groundwater, soil, and/or soil vapor.

AOC 4: Drainage Features

Potential drainage features were identified in the garage area of the building. Historical site use included manufacturing and industrial activities and chlorinated VOCs (CVOCs) were detected in SI soil, groundwater, and soil vapor samples collected near the drainage features.

AOC 5: Inactive AST

Langan observed an inactive 1,000-gallon AST located in a concrete vault in the partial cellar. Inadvertent releases of petroleum products from this AST may have impacted groundwater, soil, and/or soil vapor.

4.0 REMEDIAL INVESTIGATION

The RI was completed from March 11 to 19, 2017 to evaluate AOCs and to determine, to the extent practical, the nature and extent of contamination in soil, groundwater, and soil vapor. The results from the RI indicated CVOC impacts to groundwater in monitoring well MW06, located in the northern portion of the site. Langan completed a supplemental RI on July 7 and 18, 2018 to determine, to the extent practical, the extent of the CVOC contamination and to assist with remedial action selection and design. The RI included a geophysical survey, soil boring advancement, monitoring well and soil vapor point installation, and collection of soil, sediment, groundwater, soil vapor, and indoor air samples. A sample summary is presented in Table 1 and on-site sample locations are shown on Figure 4.

The RI consisted of the following:

- Geophysical surveys to identify potential subsurface anomalies consistent with USTs, and utilities and structures
- Advancement of nine soil boings (SB06 through SB14) to about 15 feet bgs and collection of 17 soil samples (including one duplicate sample)
- Collection of two sediment samples, one sample from each drainage feature located in the garage
- Installation of five groundwater monitoring wells (MW06, MW09, MW10, MW11, and MW14), and collection of six groundwater samples (including one duplicate sample)
- As part of the supplemental RI, installation of four monitoring wells (MW15 through MW18) to determine the extent of CVOC contamination identified in MW06 and collection of five groundwater samples (including one duplicate sample)
- Survey and gauging of monitoring wells to evaluate groundwater elevation and flow direction
- Installation of two soil vapor points (SV01 and SV02) and collection of three soil vapor samples and two indoor air samples (including QA/QC samples).

An off-site SVI was completed on September 23, 2022 in response to NYSDEC's June 30, 2022 letter, which requested soil vapor sampling in the sidewalk abutting the northern-adjacent property (333 Bond Street). The objective of the off-site SVI was to further evaluate the extent to which CVOC impacts in the soil vapor are migrating off-site. The off-site SVI consisted of the installation of two soil vapor points (OS-SV01 and OS-SV02) and collection of two soil vapor samples and an ambient air sample.

Langan completed the RI and off-site SVI in accordance with 6 NYCRR Part 375-3.8, NYSDEC DER-10 (May 2010), the NYSDEC Draft BCP Guide (May 2004), and the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006 and subsequent updates). Details of the field investigations are described below.

4.1 Geophysical Survey and Utility Location

Prior to initiating intrusive subsurface activities for the RI, the New York One Call Center was contacted for Code 753 utility mark-outs. On March 8, 2017 and July 7, 2018, Nova Geophysical Services (NOVA) of Douglaston, New York completed a geophysical survey under the supervision of a Langan field engineer. NOVA used ground-penetrating radar (GPR) to identify potential USTs and locate buried utilities near each boring location. Borings were relocated as necessary to avoid subsurface utilities and anomalies (other subsurface impediments). Complete geophysical survey reports are included as Appendix B.

4.2 Soil Investigation

4.2.1 Soil Boring Investigation Methodology

Eight soil borings (SB06 through SB12 and SB14) were advanced during the RI and four soil borings (SB15 through SB18) were advanced during supplemental RI. Soil borings were advanced by AARCO Environmental Services Corp. (AARCO) of Lindenhurst, New York. Soil boring locations were selected to supplement the 2015 SI and to evaluate the AOCs identified in Section 3.4. Boring locations are shown on Figure 4. The table below indicates which boring is associated with each AOC.

AOC	Associated Soil Boring
AOC 1 – Historic Fill	SB06 through SB12, SB14
AOC 2 – Historic Site Use	SB06 through SB12, SB14
AOC 3 – Potential Gasoline USTs	SB06
AOC 4 – Drainage Features	SB07 and SB09
AOC 5 – Inactive AST	SB11

Soil borings were advanced to a depth of about 15 feet bgs using a Geoprobe® 420M or 7822DT. Investigation depths are summarized below.

- Soil borings SB06 through SB14 were advanced to 15 feet bgs using a Geoprobe® 420M, with the exception of SB09 and SB13.
- SB09 was advanced to refusal at about 9 feet bgs. The boring could not be re-drilled because of spatial constraints.
- SB13 was advanced to refusal at about 2 feet bgs. An offset boring, advanced about five feet west of the original boring location, was also advanced to refusal at about 2 feet bgs. Concrete fragments were observed at the bottom of the Macro Core® sampler in both boring locations. No samples were collected from SB13.
- Soil borings SB15 through SB18 were advanced to 10 feet bgs using a Geoprobe® 7822DT. Soil borings SB15 through SB18 were advanced for monitoring well installation; no samples were collected from these boring locations.

Soil was recovered continuously from surface to the final depth of each boring. Samples were collected into 3- and 5-foot long acetate liners using a two-inch diameter Macro Core® sampler. Langan screened the soil for visual, olfactory, and instrumental evidence of environmental impacts, and visually classified for soil type, grain size, texture, and moisture content. Instrument screening for the presence of organic vapors was performed using a MiniRae 3000 photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp. Following sample collection, borings SB07, SB08, and SB12 were backfilled with soil cuttings and borings SB06, SB09, SB10, SB11, SB14, and SB15 through SB18 were converted into permanent groundwater monitoring wells. Boring logs documenting observations are included as Appendix C.

4.2.2 Soil Sampling

Seventeen soil samples, including one field duplicate, were collected for laboratory analysis. Two grab soil samples were collected for laboratory analysis from each boring location to further investigate AOCs and to provide vertical and horizontal delineation of identified impacts. For AOC 1, samples were be collected from shallow fill (upper two feet of soil beneath the concrete slab) and from the bottom of historic fill. For AOCs 2 through 5, samples were collected from the interval of the greatest observable impact (staining, odor, PID readings above background) and from the interval immediately beneath impacted soil that does not exhibit signs of contamination. Sampling was biased toward intervals where visual, olfactory, or instrumental evidence of a chemical or petroleum release was apparent.

Samples submitted for VOC analysis were collected directly from the acetate liner via laboratory-supplied Terra Core® soil samplers. The remaining sample volume was homogenized and placed in appropriate laboratory-supplied containers for all additional analyses. The samples containers were labeled and placed in laboratory-supplied coolers containing ice to maintain a temperature of about 4°C. The sample coolers were picked up and delivered via courier under standard chain-

of-custody protocol to York Analytical Laboratories, Inc. (York) in Stratford, Connecticut, a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified analytical laboratory.

Soil samples were analyzed for Part 375 list/Target Compound List (TCL) VOCs, SVOCs, PCBs, and pesticides, and Part 375/Target Analyte List (TAL) metals. A sample summary is provided as Table 1.

4.3 Drainage Feature Sediment Investigation

4.3.1 Sediment Investigation Methodology

One sediment sample was collected for laboratory analysis from each of the two drainages features to further investigate AOC 4. Following sample collection, debris within the drainage features, if any, was removed to determine if they have concrete or soil bottoms, or if drain pipes were present.

4.3.2 Sediment Sampling

Two sediment samples were collected directly from the drainage features into laboratory-supplied Terra Core® soil samplers. The samples containers were labeled, placed in laboratory-supplied coolers containing ice to maintain a temperature of about 4°C. The sample coolers were picked up and delivered via courier under standard chain-of-custody protocol to York. Sediment samples were analyzed for Part 375/TCL VOCs.

4.4 Groundwater Investigation

Five borings (SB06, SB09, SB10, SB11, and SB14) were converted into groundwater monitoring wells (MW06, MW09, MW10, MW11, and MW14, respectively). All five monitoring wells were installed to investigate AOCs 1 and 2. Monitoring well MW06 was installed to investigate AOC 3, MW09 and MW10 were installed to investigate AOC 4, and MW11 was installed to investigate AOC 5. Four borings (SB15 through SB18) were converted into groundwater monitoring wells (MW15 through MW18, respectively) during the supplemental RI to further investigate AOC 3.

4.4.1 Monitoring Well Installation and Development Methodology

Monitoring wells MW06, MW09, MW10, MW11, and MW14 were constructed using one-inch diameter, schedule 40 polyvinyl chloride (PVC) riser attached to 10-foot well screen (0.020-inch slot). Monitoring wells MW15 through MW18 were constructed using two-inch diameter, schedule 40 polyvinyl chloride (PVC) riser attached to 5-foot well screen (0.010-inch slot). Each well was installed such that the screen straddled the observed groundwater table. The well annulus was backfilled with clean sand (No. 2) to least 1 foot above the top of the screen. A

minimum 1-foot bentonite seal was installed above the filer sand. The remainder of the annulus was filled with bentonite, and each well was finished with a flush-mounted, bolt-down manhole set into a concrete collar.

Following installation, each well was developed and purged via pumping until the water became clear. Development water was placed into a labeled drum and stored on-site awaiting disposal.

Monitoring well locations are shown on Figure 4. Well construction details are summarized in Table 2, and well construction logs are included in Appendix D. The top of casing in groundwater monitoring wells MW06, MW09, MW10, MW11, and MW14 was surveyed by Langan on May 6, 2017. Langan completed synoptic groundwater gauging of the monitoring wells on March 19, 2017. Groundwater elevations are presented in Table 2. A groundwater contour map based on the groundwater gauging event is presented as Figure 5.

4.4.2 Groundwater Sampling

Monitoring wells were sampled one week after development in accordance with procedures set forth in the USEPA low-flow groundwater sampling procedure ("Low Stress [low-flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells", dated July 30, 1996 and revised January 19, 2010). Prior to sample collection, groundwater was purged from each well until the physical and chemical parameters (pH, conductivity, turbidity, temperature, dissolved oxygen [DO] and oxygen-reduction potential [ORP]) stabilized and turbidity measurements were below 50 Nephlelometric Turbidity Units (NTUs). Samples were collected with a submersible peristaltic pump and dedicated polyethylene tubing. Development and purge water was containerized in a 55-gallon drum for future off-site disposal. Groundwater well construction and sampling logs are included in Appendix D.

Six groundwater samples, including one sample from each of the five wells and one duplicate sample, were collected into laboratory-supplied glassware. The sample containers were labeled, placed in a laboratory-supplied cooler and packed on ice (to maintain a temperature of 4±2°C). The sample coolers were picked up and delivered via courier under standard chain-of-custody protocol to York. Groundwater samples were analyzed for TCL VOCs, SVOCs, PCBs, and pesticides, and TAL total and dissolved metals.

An additional five groundwater samples, including one duplicate sample, were collected from MW-15 through MW-18 during the supplemental RI. The samples were collected into laboratory-supplied glassware, packed with ice to maintain a temperature of 4°C, and transported via courier service to York under chain-of-custody protocol. These groundwater samples were analyzed for TCL VOCs to determine the extent of CVOC contamination, and nitrite, nitrate, ammonia, sulfate, phosphate, total organic carbon (TOC), chemical oxygen demand (COD), biochemical oxygen

demand (BOD), alkalinity, and dehalococcoides (DHC) to assist with remedial action selection and design. As requested by NYSDEC in a letter dated March 26, 2018, two groundwater samples (including a duplicate sample) were collected from MW17 and analyzed for per- and polyfluoroalkyl substances (PFAS) using Modified USEPA Method 537 and 1,4-dioxane using EPA Method 8270 SIM.

MW17 was sampled in accordance with the NYSDEC June 2016 Collection of Groundwater Samples for Perfluorooctanoic Acid (PFOA) and Perfluorinated Compounds (PFC) from Monitoring Wells Sample Protocol and February 2018 Guidance for Groundwater Sampling for Emerging Contaminants. Groundwater samples were collected using high-density polyethylene (HDPE) tubing and a peristaltic pump and placed into HDPE bottle ware.

4.5 Sub-Slab Soil Vapor and Indoor Air Investigation

4.5.1 Sub-Slab Soil Vapor Point Installation

Sub-slab soil vapor points SV01 and SV02 were installed by AARCO using a core drill to create a 1.25-inch diameter hole to a depth of 6 to 9 inches below the concrete slab. A new, dedicated stainless-steel screen implant (3/8-inch in diameter and about 6 inches in length) was threaded to Teflon-lined, polyethylene tubing (0.313-inch diameter) and lowered to the bottom of the hole. About 6 to 9 inches of sand (Morie No. 2) filter pack was installed around the screen plant. The remaining annular space was backfilled to grade using hydrated bentonite.

4.5.2 Sub-Slab Vapor Sampling

As a QA/QC measure, an inert tracer gas (helium) was introduced into an above-grade sampling chamber to ensure that the soil vapor sampling points were properly sealed above the target sampling depth, thereby preventing subsurface infiltration of ambient air. Both sub-slab vapor points had sufficiently tight seals.

Each sub-slab point was purged using a MultiRAE gas meter with a flow rate of 0.15 liters per minute to evacuate a minimum of three sample tubing volumes prior to sample collection. The purged soil vapor was also monitored for VOCs using a PID and the values were recorded. After purging was completed, the sub-slab vapor samples were collected into laboratory-supplied, batch-certified Summa® canisters that were laboratory-calibrated for a sampling rate of about 0.05 liters per minute for about 120 minutes of sampling. Sub-slab vapor samples were collected concurrently with collocated indoor air samples (Section 4.5.3). Langan attempted to collect an ambient sample; however, due to an equipment malfunction the ambient air sample could not be collected.

Summa® canisters were labeled and transported via courier to York under standard chain-of-custody protocol. Sub-slab vapor samples were analyzed for VOCs by USEPA Method TO-15. Sub-slab soil vapor sampling logs are included in Appendix E.

4.5.3 Indoor Air Sampling

Indoor air sampling was conducted in general accordance with the NYSDOH October 2006 Final Guidance for Evaluating Soil Vapor Intrusion in New York. Prior to sample collection, a NYSDOH Indoor Air Quality Questionnaire and Building Survey was completed to document the potential presence of equipment or chemicals in and around the building that could interfere with the laboratory analytical results. The building was screened using a PID to identify potential sources of organic vapors that may interfere with sampling. A completed NYSDOH Indoor air quality questionnaire and building inventory survey is included in Appendix F.

For indoor air sampling, building windows and interior and exterior doors remained closed and the sample area was sealed with limited usage during the sample collection. Samples were collected into individually certified-clean Summa® canisters positioned at relative breathing height, about 3 to 4 feet above the ground. Each canister was equipped with a flow regulator calibrated for an 8-hour sampling period to simulate the occupancy period of a standard workday. The indoor air samples were submitted to York for analysis of VOCs via EPA Method TO-15. Indoor air sampling logs are included in Appendix E.

4.6 Off-Site Soil Vapor Investigation

4.6.1 Soil Vapor Point Installation

Two off-site soil vapor points (OS-SV01 and OS-SV02) were installed by AARCO using a handheld hammer drill and a 2-inch-diameter hand auger to drill into the sidewalk in front of the northern-adjoining property (333 Bond Street). The soil vapor points were advanced to a depth of about 4 feet below the sidewalk grade and consisted of teflon-lined polyethylene tubing attached to a 2-inch polyethylene probe. About 3.5 inches of sand (Morie No. 2) filter pack was installed around the screen implant and the remaining annular space was backfilled to grade with hydrated bentonite.

4.6.2 Soil Vapor Sampling

As a QA/QC measure, an inert tracer gas (helium) was introduced into an above-grade sampling chamber to ensure that the soil vapor sampling points were properly sealed above the target sampling depth, thereby preventing subsurface infiltration of ambient air. Both soil vapor points had sufficiently tight seals.

Each soil vapor point was purged using a MultiRAE gas meter with a flow rate of 0.2 liters per minute to evacuate a minimum of three sample tubing volumes prior to sample collection. The purged soil vapor was also monitored for VOCs using a MultiRae Multi-Gas Detector and the values were recorded. After purging was completed, the soil vapor samples were collected into laboratory-supplied, batch-certified 6-liter Summa® canisters that were laboratory-calibrated for a sampling rate of about 0.05 liters per minute for about 120 minutes of sampling. Sub-slab vapor samples were collected concurrently with a collocated ambient air sample (Section 4.6.3).

Summa® canisters were labeled and transported via courier to York under standard chain-of-custody protocol. Soil vapor samples were analyzed for VOCs by USEPA Method TO-15. Soil vapor sampling logs are included in Appendix E.

4.6.3 Ambient Air Sampling

Ambient air sampling was conducted along the sidewalk in front of 333 Bond Street and in general accordance with the NYSDOH October 2006 Final Guidance for Evaluating Soil Vapor Intrusion in New York. The sample was collected into a certified-clean 6-liter Summa® canister positioned about 3 to 4 feet above the ground. The canister was equipped with a flow regulator calibrated for a 2-hour sampling period. The ambient air sample was submitted to York for analysis of VOCs via EPA Method TO-15. Ambient air sampling logs are included in Appendix E.

4.7 Quality Control Sampling

During the RI, field duplicate samples, matrix spike/matrix spike duplicate (MS/MSD) samples, field rinsate blanks, and trip blanks were collected and submitted for laboratory analysis. QA/QC samples are detailed in Table 1 and are summarized below:

Soil/Sediment QA/QC samples

- One field duplicate sample
- One MS/MSD sample

Groundwater QA/QC samples

- Two field duplicate samples
- Two trip blank samples
- Two field rinsate blanks
- One MS/MSD sample

Soil Vapor QA/QC Samples

- One field duplicate sample

The field duplicates were collected to assess the precision of the analytical methods relative to the sample matrix. The duplicates were collected from the same material as the primary sample by splitting the volume of homogenized sample collected in the field into two sample containers.

The trip blank samples were collected to assess the potential for contamination of the sample containers and samples during the trip from the laboratory, to the field, and back to the laboratory for analysis. Trip blanks contain about 40 milliliters of acidic water doped with hydrochloric acid) that is sealed by the laboratory when the empty sample containers are shipped to the field, and unsealed and analyzed by the laboratory when the sample shipment is received from the field. The trip blank samples were analyzed for VOCs.

Field rinsate blank samples was collected to determine the effectiveness of the decontamination procedures for the groundwater sampling equipment train and cleanliness of unused neoprene gloves. Field rinsate blank samples consisted of deionized, distilled water provided by the laboratory that has passed through the sampling apparatus. Field rinsate blank samples were analyzed for the same lists as the corresponding sampling event and sample matrix.

MS/MSD samples were collected to assess the effect of the sample matrix on the recovery of target compounds or target analytes. MS/MSD samples were collected from the same material as the primary sample by splitting the volume of the homogenized sample collected in the field into three sample containers.

4.8 Data Validation

Analytical data was submitted to a Langan validator for review in accordance with USEPA and NYSDEC validation protocols. Data Usability Summary Reports (DUSR) and the data validator's credentials are included in Appendix G.

4.8.1 Data Usability Summary Report Preparation

A DUSR was prepared for each sample delivery group following data validation. The DUSR presents the results of data validation, including a summary assessment of laboratory data packages, sample preservation and chain-of-custody procedures, and a summary assessment of precision, accuracy, representativeness, comparability, and completeness for each analytical method. For each of the organic analytical methods, the following was assessed:

- Holding times
- Instrument tuning
- Instrument calibrations
- System monitoring compounds or surrogate recovery compounds (as applicable)
- Internal standard recovery results
- MS/MSD results
- Target compound identification
- Chromatogram quality
- Pesticide cleanup (if applicable)
- Compound quantization and reported detection limits
- System performance
- Results verification

For each of the inorganic analytes, the following was assessed:

- Holding time
- Calibrations
- Blank results
- Interference check sample
- Laboratory check samples
- Duplicates
- Matrix Spike
- Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES) QC
- ICP serial dilutions
- Results verification and reported detection limits

Based on the results of data validation, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and best professional judgment:

- "U" – The analyte was analyzed for but was not detected at a level greater than or equal to the reporting limit (RL) or the sample concentration for results impacted by blank contamination.

- "UJ" – The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
- "J" – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- "NJ" – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
- "R" – The sample results are unusable due to quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
- No Flag - Result accepted without qualification.

After data validation was complete, validated data was used to prepare the tables and figures included in this report.

4.9 Field Equipment Decontamination

Macro-Core® sample barrels used during the RI were cleaned with Alconox® and rinsed with water between sampling locations and at the completion of soil sample collection. Direct contact of sampling equipment with the ground was avoided. Groundwater sampling equipment, including interface probe, was also cleaned with Alconox® and rinsed with water between sampling locations and at the completion of groundwater sample collection. Decontamination occurred at the sampling locations, and liquids were temporarily contained in 5-gallon buckets. Decontamination wastewater was drummed for future off-site disposal.

4.10 Investigation-Derived Waste Management

Investigation-derived wastes (IDW) generated during the RI were containerized. Solid waste generated during drilling of soil borings and soil vapor points and aqueous waste from monitoring well development and purging, and decontamination water were placed into separate Department of Transportation (DOT)-approved, 55-gallon steel drums with closed tops. Drill cuttings exhibiting no evidence of chemical or petroleum impacts were used to backfill soil borings. One soil drum and three groundwater drums were staged in a secured area pending off-site disposal. One soil drum and one groundwater drum generated during the RI were transported by Brookside Environmental, Inc. and disposed of at Clean Water of New York in Staten Island, New York. Two groundwater drums generated during the supplemental RI were transported by AARCO Environmental Services Corp. and disposed of at Dale Transfer Corp. in West Babylon, New York.

5.0 FIELD OBSERVATIONS AND ANALYTICAL RESULTS

This section summarizes the field observations and laboratory analytical results from the RI. Soil and sediment sample analytical results are compared to the 6 NYCRR Part 375 Unrestricted Use (UU) and Restricted Use Restricted-Residential (RURR) SCOs. Groundwater analytical results are compared to the NYSDEC SGVs. There is no standard for soil vapor samples in New York State. For reference, sub-slab soil vapor and indoor air samples results were evaluated using the NYSDOH Soil Vapor Decision Matrices. The nature and extent of the site contamination is discussed separately in Section 7.0.

5.1 Geophysical Investigation Findings

Geophysical surveys identified scattered anomalies throughout the site. The majority of the anomalies were consistent with utilities (i.e., gas, electric, sewer line, and water line) and inconsistent with USTs. Due to the presence of standing water, the partial cellar could not be surveyed. An out-of-service AST was identified in the cellar. Copies of the March 2017 and July 2018 Geophysical Engineering Survey Reports are included in Appendix B.

5.2 Geology and Hydrogeology

Provided below is a description of the geological and hydrogeological observations made during the RI. A groundwater contour map is included as Figure 5, and a cross-sectional diagram showing inferred soil profiles is shown on Figure 6. Boring logs are provided in Appendix C.

5.2.1 Historic Fill

The concrete building slab and exterior concrete sidewalk are underlain by historic fill that varies in depth from about 4 feet bgs in the northwestern part of the site (SB06) to about 8.5 feet bgs in the northeastern part of the site (SB07). Fill material predominately consists of light brown to dark brown fine to medium sand with varying amounts of gravel, silt, concrete, brick, coal flecks, and glass.

5.2.2 Native Soil Layers

The fill layer is underlain by brown, reddish-brown to grey, fine- to medium-grained sand with varying amounts of silt, silty-sand, and gravel. An interval of clay ranging in thickness between 2 to 16 inches was observed in the bottom of soil borings SB06, SB10 and SB14.

5.2.3 Bedrock

The USGS "Bedrock and Engineering Geologic Maps of New York County and Parts Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey" indicates that the bedrock underlying the site is part of the Hartland Formation. Bedrock was not encountered during this RI.

5.2.4 Hydrogeology

Synoptic groundwater depth measurements were collected on June 16, 2017 from five monitoring wells (MW06, MW09 through MW11, and MW14). Groundwater levels were also gauged from MW15 through MW18 on July 18, 2018. Depth to groundwater ranged from about 5.8 feet bgs in MW15 to 7.3 feet bgs in MW14. Based on the well gauging results, groundwater appears to flow to the southwest. A map showing groundwater contours and inferred flow direction is provided as Figure 5. Regional groundwater flow is expected to be east-southeast toward the Gowanus Canal.

5.3 Soil Findings

5.3.1 Field Observations

Petroleum-like impacts, evidenced by odors and PID readings above background levels, were apparent in SB06 from 7.5 to 8 feet bgs. A sweet-like odor and PID readings above background level were apparent in SB16 from 6 to 7.5 feet bgs. The highest detected PID measurement was 22.9 parts per million (ppm) at SB06. Impacted material was not observed in other soil borings.

5.3.2 Analytical Results

Seventeen soil samples, including one duplicate, were collected and analyzed for Part 375/TCL VOCs, SVOCs, PCBs, pesticides, Part 375 TCL and TAL metals and total cyanide, and hexavalent chromium. A summary of laboratory detections for soil samples collected during the RI, with comparisons to UU and RURR SCOs, is provided in Table 3. Full laboratory reports are included in Appendix H. Soil sample locations and results that exceeded SCOs are shown on Figure 7. The following contaminants were detected at concentrations exceeding UU and/or RURR SCOs:

VOCs

One VOC, acetone, was detected at concentrations exceeding the UU SCO in two samples, but below the RURR SCO. The table below summarizes the VOC detected at a minimum and maximum concentration above UU and/or RURR SCOs.

Parameter	Minimum Detected Concentration above SCO	Maximum Detected Concentration above SCO	UU and RURR SCOs
Acetone	0.051 mg/kg in SB09_7.5-8	0.095 mg/kg in SB11_0-1	UU: 0.05 mg/kg RURR: 100 mg/kg

SVOCs

Seven SVOCs were detected at concentrations exceeding UU and/or RRU SCOs in six samples collected from 0 to 8 feet bgs in borings SB06, SB07, SB09, SB11, SB12, and SB14. The following table summarizes each SVOC detected at minimum and maximum concentrations above UU and/or RURR SCOs:

Parameter	Minimum Detected Concentration above SCO	Maximum Detected Concentration above SCO	UU and RURR SCOs
Benzo(a)anthracene	1.05 mg/kg in SB06_7.5-8	4.72 mg/kg in SB09_7.5-8	UU: 1 mg/kg RURR: 1 mg/kg
Benzo(a)pyrene	1.71 mg/kg in SB14_5-6	4.9 mg/kg in SB09_7.5-8	UU: 1 mg/kg RURR: 1 mg/kg
Benzo(b)fluoranthene	1.11 mg/kg in SB14_5-6	4.5 mg/kg in SB09_7.5-8	UU: 1 mg/kg RURR: 1 mg/kg
Benzo(k)fluoranthene	0.926 mg/kg in SB06_7.5-8	3.97 mg/kg in SB09_7.5-8	UU: 0.8 mg/kg RURR: 3.9 mg/kg
Chrysene	1.13 mg/kg in SB06_7.5-8	4.58 mg/kg in SB09_7.5-8	UU: 1 mg/kg RURR: 3.9 mg/kg
Dibenzo(a,h)anthracene	0.429 mg/kg in SB14_5-6	1.38 mg/kg in SB09_7.5-8	UU: 0.33 mg/kg RURR: 0.33 mg/kg
Indeno(1,2,3-cd)pyrene	0.913 mg/kg in SB14_5-6	2.9 mg/kg in SB09_7.5-8	UU: 0.5 mg/kg RURR: 0.5 mg/kg

Metals

Six metals were detected at concentrations exceeding UU and/or RRU SCOs in 13 samples collected from 0 to 8 feet bgs in all soil borings except SB14. The following table summarizes each metal detected at minimum and maximum concentrations above UU and/or RURR SCOs:

Parameter	Minimum Detected Concentration above SCO	Maximum Detected Concentration above SCO	UU and RURR SCOs
Arsenic	22.6 mg/kg in SB12_0-1		UU: 13 mg/kg RURR: 16 mg/kg
Copper	53.9 mg/kg in SB11_4-5	97.3 mg/kg in SB12_0-1	UU: 50 mg/kg RURR: 270 mg/kg
Lead	69.2 mg/kg in SB08_0-1	842 mg/kg in SB12_0-1	UU: 63 mg/kg RURR: 400 mg/kg
Mercury	0.238 mg/kg in SB11_0-1	4.36 mg/kg in SB12_0-1	UU: 0.18 mg/kg RURR: 0.81 mg/kg
Nickel	31.3 mg/kg in SB11_0-1	50.1 mg/kg in SB10_0-1	UU: 30 mg/kg RURR: 310 mg/kg

Parameter	Minimum Detected Concentration above SCO	Maximum Detected Concentration above SCO	UU and RURR SCOs
Zinc	159 mg/kg in SB07_5-6	528 mg/kg in SB12_0-1	UU: 109 mg/kg RURR: 10,000 mg/kg

PCBs

PCBs were not detected at concentrations exceeding UU SCOs.

Pesticides

Pesticides were not detected at concentrations exceeding UU SCOs.

5.4 Sediment Findings

5.4.1 Field Observations

Drainage feature SS01 is about 3-feet long, 3-feet wide, and 3.5-feet deep and contains sediment and miscellaneous debris throughout and atop a concrete bottom. Langan observed what appeared to be a drainage pipe leading into the bottom of the feature. Sediment sample SS01 was collected from the opening of the drainage pipe. Sediment consisted of brown, medium sand with trace amounts of foam, string, plastic, fine gravel, wood, and asphalt.

Drainage feature SS02 is about 1-foot long, 1-foot wide, and 1-foot deep and contains a sediment bottom. Sediment sample SS02 was collected about 4 inches bgs. Sediment consisted of wet to moist brown, fine sand with trace amounts of brick, cloth, foam, and string.

5.4.2 Analytical Data

Two sediment samples were collected and analyzed for Part 375/TCL VOCs. A summary of laboratory detections for soil samples collected during the RI, with comparisons to UU and RURR SCOs, is provided in Table 4. Full laboratory reports are included in Appendix H. Soil sample results that exceeded SCOs are shown on Figure 8.

One VOC, acetone, was detected in SS02 at 0.091 mg/kg, which exceeds the UU SCO of 0.05 mg/kg.

5.5 Groundwater Findings

5.5.1 Field Observations

All wells were gauged for free product with an oil-water interface probe; no free product was observed in groundwater monitoring wells. During development and sampling of monitoring

wells, no sheen was observed on purged groundwater and no PID measurements exceeded background levels.

5.5.2 Analytical Data

Six groundwater samples, including one duplicate sample, were collected from MW06, MW09, MW10, MW11, and MW14, and analyzed for Part TCL VOCs, SVOCs, PCBs, pesticides, and TAL total and dissolved metals[2] and cyanide. Five groundwater samples, including one duplicate sample, were collected from MW-15 through MW-18 during the supplemental RI and analyzed for TCL VOCs to determine the extent of CVOC contamination, and nitrite, nitrate, ammonia, sulfate, phosphate, TOC, COD, BOD, alkalinity, and DHC to assist with remedial action selection and design. Additionally, the groundwater sample collected from MW17 was analyzed for PFAS and 1-4 dioxane. A summary of laboratory detections for groundwater samples collected during the RI and supplemental RI, with comparisons to SGVs, is provided in Table 5A. The results of the PFAS analysis are summarized in Table 5B. The results of the biological parameters and DHC analysis are provided in Tables 5C and 5D, respectively. Laboratory analytical reports are included in Appendix H. Groundwater sample locations and results that exceed SGVs are presented in Figure 9. The following contaminants were detected at concentrations exceeding SGVs (excluding biological parameters and DHC):

VOCs

Eight VOCs were detected at concentrations exceeding SGVs in groundwater samples collected from monitoring wells MW06, MW11, and MW14 through MW18. The following table summarizes each VOC at minimum and maximum concentrations exceeding SGVs:

Parameter	Minimum Detected Concentration above SGV	Maximum Detected Concentration above SGV	SGV
1,1-Dichloroethene	9.25 µg/L in MW16		5 µg/L
Benzene	1.1 µg/L in MW11	56 µg/L in MW14	1 µg/L
Chlorobenzene	15 µg/L in MW14		5 µg/L
cis-1,2-Dichloroethene	7.03 µg/L in GWDUP01	1,930 µg/L in MW16	5 µg/L
Tetrachloroethene	5.78 µg/L in DUP01	90.1 µg/L in MW16	5 µg/L

[2] Groundwater samples for dissolved metals were field-filtered using a high capacity in-line groundwater filter cartridge.

trans-1,2-Dichloroethene	35.8 µg/L in MW16		5 µg/L
Trichloroethene	7.48 µg/L in MW15	142 µg/L in MW16	5 µg/L
Vinyl Chloride	3.53 µg/L in MW18	1,270 µg/L in MW16	2 µg/L

*GWDUP01 is a duplicate of parent sample MW06.
*DUP01 is a duplicate of parent sample MW17.

SVOCs

Six SVOCs were detected at concentrations exceeding SGVs in groundwater samples collected from monitoring wells MW06, MW09, MW10, MW11 and MW14 (all wells sampled for SVOCs). The following table summarizes each SVOC at minimum and maximum concentrations exceeding SGVs:

Parameter	Minimum Detected Concentration above SGV	Maximum Detected Concentration above SGV	SGV
Benzo(a)anthracene	0.0824 µg/L in MW09	0.514 µg/L in MW10	0.002 µg/L
Benzo(a)pyrene	0.12 µg/L in GWDUP01	0.434 µg/L in MW10	0 µg/L
Benzo(b)fluoranthene	0.23 µg/L in GWDUP01	0.423 mg/L in MW10	0.002 µg/L
Benzo(k)fluoranthene	0.0588 µg/L in MW09	0.389 µg/L in MW10	0.002 µg/L
Chrysene	0.0588 µg/L in MW09	0.64 µg/L in MW10	0.002 µg/L
Indeno(1,2,3-cd)pyrene	0.07 µg/L in GWDUP01	0.171 mg/L in MW10	0.002 µg/L

*GWDUP01 is a duplicate of parent sample MW06.

Total Metals

Eight total metals were detected at concentrations exceeding SGVs in groundwater samples collected from monitoring wells MW06, MW09, MW10, MW11, and MW14 (all wells sampled for total metals). The following table summarizes each total metal at minimum and maximum concentrations exceeding SGVs:

Parameter	Minimum Detected Concentration above SGV	Maximum Detected Concentration above SGV	SGV
Chromium, hexavalent	54 µg/L in MW06	143 µg/L in GWDUP01*	50 µg/L
Chromium, total	55.2 µg/L in MW10		50 µg/L

Lead	36.4 µg/L in MW06	893 µg/L in MW10	25 µg/L
Magnesium	48,000 µg/L in MW14	73,200 µg/L GWDUP01	35,000 µg/L
Manganese	667 µg/L in MW09	2,350 µg/L in MW11	300 µg/L
Nickel	125 µg/L in MW06		100 µg/L
Selenium	10.7 µg/L in MW14		10 µg/L
Sodium	78,000 µg/L in MW09	447,000 µg/L in MW14	20,000 µg/L

*GWDUP01 is a duplicate of parent sample MW06.

Dissolved Metals

Four dissolved metals were detected at concentrations exceeding SGVs in groundwater samples collected from monitoring wells MW06, MW09, MW10, MW11, and MW14 (all wells sampled for dissolved metals). The following table summarizes each dissolved metal at minimum and maximum concentrations exceeding SGVs:

Parameter	Minimum Detected Concentration above SGV	Maximum Detected Concentration above SGV	SGV
Magnesium	48,800 µg/L in MW14	74,000 µg/L in GWDUP01*	35,000 µg/L
Manganese	702 µg/L MW09	2,730 µg/L in MW11	300 µg/L
Selenium	16.8 µg/L in MW14		10 µg/L
Sodium	78,600 µg/L in MW09	434,000 µg/L in MW14	20,000 µg/L

*GWDUP01 is a duplicate of parent sample MW06.

PCBs

PCBs were not detected in groundwater samples.

Pesticides

Pesticides were not detected in groundwater samples.

PFAS and 1,4-Dioxane

PFOA and perfluorooctanesulfonic acid (PFOS) were detected at a maximum combined concentration of 0.132 µg/L (132 parts per trillion [ppt]), above the USEPA Health Advisory Limit of 0.07 µg/L (70 ppt) combined. 1,4-Dioxane was detected at a concentration of 2.8 µg/L. No SGVs exist for PFAS or 1,4-dioxane.

5.6 Sub-Slab Soil Vapor and Indoor Air Findings

Three sub-slab soil vapor samples (including one duplicate sample) and two indoor air samples were submitted for laboratory analysis for VOCs. There is no standard for soil vapor samples in New York State. Sub-slab soil vapor and indoor air sample results are summarized in Table 6 and shown on Figure 10. Laboratory analytical reports are included in Appendix H.

Twenty-two VOCs were detected in soil vapor samples. Total detected VOC concentrations ranged from 409.3 microgram per cubic meter (µg/m^3) in the duplicate sample (SVDUP01) to 1639.7 µg/m^3 in SS02. One VOC, PCE, was detected in all three sub-slab soil vapor samples at concentrations ranging from 71 to 280 µg/m^3, exceeding the Air Guideline Value (AGV) of 30 µg/m^3.

Two indoor air samples were co-located with sub-slab soil vapor samples (IA01/SS01 and IA02/SS02) within the office portion of the building to evaluate potential soil vapor intrusion. The indoor air and sub-slab soil vapor sample results were evaluated using the NYSDOH Soil Vapor Decision Matrices. Of the compounds that were detected in indoor air samples, NYSDOH Decision Matrices are provided for three: carbon tetrachloride, methylene chloride, and PCE.

- Carbon tetrachloride was detected in indoor air sample IA02 at a concentration of 0.43 µg/m^3. Carbon tetrachloride was not detected in the co-located sub-slab vapor sample. NYSDOH Decision Matrix A recommends no further action.
- Methylene chloride was detected in both indoor air samples at concentrations ranging from 2.4 µg/m^3 in IA02 to 5.8 µg/m^3 in IA01. Methylene chloride concentrations in the co-located sub-slab samples ranged from not detected in SS02 and duplicate sample SVDUP01 (co-located with IA02) to 18 µg/m^3 in SS01 (co-located with IA01). NYSDOH Decision Matrix B recommends no further action.
- PCE was detected in indoor air sample IA01 at a concentration of 3.5 µg/m^3. PCE concentrations in the co-located sub-slab samples ranged from 71 µg/m^3 in SVDUP01 (co-located with IA02) to 280 µg/m^3 in SS01 (co-located with IA01). NYSDOH Decision Matrix B recommends monitoring.

5.7 Off-Site Soil Vapor and Ambient Air Findings

Two soil vapor samples and one ambient air sample were submitted for laboratory analysis for VOCs. Total detected VOC concentrations were 69.09 µg/m³ in OS-AA01, 1,222.87 µg/m³ in OS-SV01, and 513.06 µg/m³ in OS-SV02. Soil vapor and ambient air sample results are summarized in Table 7 and shown on Figure 11. Laboratory analytical reports are included in Appendix H.

5.8 Quality Control Results

Duplicates, field rinsate blanks, MS/MSDs, and trip blanks were collected during the RI and detailed in Table 1. Quality control sample results were evaluated during data validation. Laboratory results for duplicate samples are presented in Tables 3, 4, 5A, and 6. Laboratory analytical reports are provided in Appendix H.

5.9 Data Usability

Category B laboratory reports for soil, sediment, groundwater, soil vapor, and air samples were provided by York and were forwarded to Langan's data validator. DUSRs are provided in Appendix G. All data are considered usable, as qualified, and no major deficiencies were identified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

5.10 Evaluation of Areas of Concern

This section discusses the results of the RI with respect to the AOCs, which are described in detail in Section 3.4. AOC locations are shown on Figure 4.

5.10.1 AOC 1: Historic Fill

Historic fill was identified in all borings to depths ranging from about 4 feet bgs in the northwestern part of the site (SB06) to about 8.5 feet bgs in the northeastern part of the site (SB07). Fill material predominately consists of light brown to dark brown fine to medium sand with varying amounts of gravel, silt, concrete, brick, coal flecks, and glass. The bottom of the historic fill layer was encountered at or above the groundwater table. Historic fill material throughout the site contains SVOCs and metals above the Part 375 UU and/or RURR SCOs. AOC 1 is a site-wide AOC and all borings and monitoring wells are associated with this AOC.

SVOCs were detected at concentrations above SGVs in three groundwater samples (MW06, MW09, and MW10). Total metals (including hexavalent chromium, total chromium, lead, and, nickel) were detected at concentrations above the SGVs in groundwater samples; however, these dissolved metals were not detected above SGVs. Therefore, the detections in unfiltered

samples are likely the result of suspended solids in groundwater derived from historic fill. Total and dissolved magnesium, manganese, selenium, and sodium were detected above SGVs and are characteristic of naturally-occurring groundwater conditions.

AOC 1 Conclusions

Historic fill, which is ubiquitous across the site footprint, was encountered beneath surface cover to depths ranging from about 4 to 8.5 feet bgs. SVOCs and metals were detected above UU and/or RURR SCOs in samples of historic fill. SVOCs and total metals detected in groundwater may be the result of entrained sediments in groundwater samples and associated with historic fill quality. Concentrations of dissolved metals (magnesium, manganese, selenium, and sodium) exceeding SGVs are indicative of regional groundwater conditions.

5.10.2 AOC 2: Historical Site Use

From 1886 to the present, the site operated with the following uses: lath and lumber yard (1886), sand materials storage (1904 to 1915), garage with gasoline USTs (1928 to 1938), crating for export (1950), commercial delivery service (1969), manufacturing (1981 to 1996), and car service (2001 to present). Contaminants of concern (COC) associated with historical site use include petroleum-related VOCs, CVOCs, SVOCs, and metals. Petroleum is addressed in AOCs 3 and 5. AOC 2 is a site-wide AOC and all sample locations are associated with this AOC.

PCE was detected above RURR SCOs in one soil sample collected during the SI. CVOCs, including PCE and vinyl chloride, were detected in RI soil samples, but at concentrations below SCOs. A sweet-like odor and PID readings above background level were apparent in SB16 from 6 to 7.5 feet bgs. Historic fill material throughout the site contains SVOCs and metals above the UU and/or RURR SCOs

Multiple CVOCs were detected in groundwater samples above SGVs and in soil vapor and indoor air samples. SVOCs and metals were also detected in groundwater samples above SGVs. CVOC impacts are further discussed with AOC 4 below.

AOC 2 Conclusions

CVOCs detected in a SI soil sample above SCOs, and in groundwater and soil vapor samples may be indicative of a chemical release associated with historical site use (discussed below in AOC 4) or may be related to an off-site source. SVOCs and metals detected in historic fill may be related to the historical site use.

5.10.3 AOC 3: Potential Gasoline USTs

The 1938 Sanborn Fire Insurance Map shows gasoline USTs in the western portion of the site. Sample locations sample associated with AOC 3 include soil borings SB01 through SB06, monitoring wells TMW03, MW06, MW11, and MW14 through MW18, soil vapor point SV01, and sub-slab soil vapor points SS01 and SS02.

Soil exhibiting petroleum-like odors and PID readings up to 22.9 ppm was observed in soil boring SB06 from 7.5 to 8 feet bgs. The petroleum-related VOC, benzene, was detected in groundwater above the SGV in MW11 and MW14. Chlorobenzene was also detected above the SGV in MW14. Petroleum-related VOCs were detected in sub-slab soil vapor and indoor air samples.

AOC 3 Conclusions

Analytical results indicate VOC impacts to groundwater and soil vapor, and petroleum-like odors and PID readings up to 22.9 ppm were apparent in soil boring SB06. No USTs were identified during the RI. The petroleum-related impacts may be associated with the historical USTs, or from unknown off-site sources.

5.10.4 AOC 4: Drainage Features

Two Potential drainage features were identified in the garage area of the building. Historical site use included manufacturing and industrial activities, and COCs associated with this AOC include CVOCs. Sample locations associated with AOC 4 include sediment samples SS01 and SS02, soil borings SB01 through SB07 and SB09, monitoring wells TMW03, MW06, MW07, MW09, and MW15 through MW18, soil vapor point SV01, and sub-slab soil vapor points SS01 and SS02.

No evidence of impacts was observed in the drainage features. A sweet, solvent-like odor was noted in SI soil boring SB03 from 5 to 6 feet bgs, and a sweet-like odor and PID readings above background level were apparent in supplemental RI soil boring SB16 from 6 to 7.5 feet bgs. PCE was detected in one sediment sample, but at a concentration below SCOs. PCE was detected above the RURR SCO in one soil sample collected during the SI. CVOCs, including PCE and vinyl chloride, were detected in RI soil samples, but at concentrations below SCOs. Multiple CVOCs, including PCE, TCE, 1,1-dichloroethene (DCE), cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride, were detected in groundwater samples above SGVs. PCE was also detected in soil vapor and indoor air samples.

AOC 4 Conclusions

Analytical laboratory samples collected during the SI and RI confirm the presence of CVOC impacts in groundwater and soil vapor. PCE was detected in one SI soil samples above the RURR

SCO. CVOC impacts may be indicative of an historical release of chlorinated solvents from the drainage features or from an off-site source.

510.5 AOC 5: Inactive AST

Langan observed an inactive 1,000-gallon AST located in a concrete vault in the partial cellar on the southwestern portion of the site. During the SI, the tank was observed to be significantly corroded. COCs associated with this AOC include VOCs and SVOCs. Sample locations associated with AOC 5 include soil boring SB11, monitoring wells MW11 and MW14, and sub-slab soil vapor point SS02 and SV02.

Seven SVOCs, including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene, were detected above their respective 6 NYCRR Part 375 UU and/or RR SCOs in soil samples collected from SB11. The petroleum-related VOC, benzene, was detected above the SGV in MW11 and MW14. Chlorobenzene was also detected above the SGV in MW14. Petroleum-related VOCs were detected in the sub-slab soil vapor and indoor air samples.

AOC 5 Conclusions

No evidence of a petroleum release was observed near the AST. SVOCs were detected in soil at concentrations above UU and/or RURR SCOs; however, the presence of SVOCs in shallow soil is most likely attributable to the historic fill quality, and not a release from the AST. Petroleum-related VOCs in groundwater and soil vapor samples may be related to historical releases from the potential USTs, north of the AST, or from unknown off-site sources.

6.0 QUALITATIVE HUMAN AND FISH/WILDLIFE EXPOSURE ASSESSMENT

Human health exposure risk was evaluated for both current and future site and off-site conditions, in accordance with the May 2010 NYSDEC Final DER-10 Technical Guidance for Site Investigation and Remediation. The assessment includes an evaluation of potential sources and migration pathways of site contamination, potential receptors, exposure media, and receptor intake routes and exposure pathways.

In addition to the human health exposure assessment, NYSDEC DER-10 requires an on-site and off-site Fish and Wildlife Resources Impact Analysis (FWRIA) if certain criteria are met. Based on the requirements stipulated in Section 3.10 and Appendix 3C of DER-10, a review of nearby fish and wildlife resources was conducted using aerial photos, site observations, and USGS topographic maps. The site is located in a long-urbanized, industrial area. The Gowanus Canal is to the east, but possesses neither suitable habitat nor ecological significance. Based on these findings, there was no need to prepare an FWRIA for the site. An impact analysis decision key from DER-10 Appendix 3C is included as Appendix I.

6.1 Current Conditions

The site is currently occupied by a one-story office building with a garage, and is operated by NYC Two Way International, a private limousine service. The building has a partial cellar that underlies the southwestern portion of the building. An inactive 1,000-gallon AST is located in a concrete vault within the partial cellar.

6.2 Proposed Conditions

The proposed redevelopment project is still in early planning stages and is subject to change as potential zoning changes materialize. Remediation would occur prior to or concurrently with the proposed redevelopment.

6.3 Summary of Environmental Conditions

AOCs include historic fill across the site, historical site uses, potential gasoline USTs, drainage features, and an inactive AST. COCs associated with the AOCs include CVOCs, petroleum-related VOCs, SVOCs, and metals.

Sediment

PCE was detected in one sediment soil sample, but at concentrations below SCOs.

Soil

A sweet, solvent-like odor was noted in SI soil boring SB03 from 5 to 6 feet bgs, and a sweet-like odor and PID readings above background level were apparent in supplemental RI soil boring SB16 from 6 to 7.5 feet bgs. PCE was detected above the RURR SCO in one soil sample collected during the SI. CVOCs, including PCE and vinyl chloride, were detected in RI soil samples, but at concentrations below SCOs. Soil exhibiting petroleum-like odors and PID readings up to 22.9 ppm was observed in soil boring SB06 from 7.5 to 8 feet bgs. Historic fill material is present at depths ranging from 4 to 8.5 feet bgs and contains SVOCs and metals at concentrations exceeding UU and/or RURR SCOs.

Groundwater

Six CVOCs, including 1,1-DCE, cis-1,2-DCE, PCE, trans-1,2-DCE, TCE and vinyl chloride, were detected in groundwater samples exceeding SGVs. The petroleum-related VOC, benzene, was detected above the SGV in MW11 and MW14. Chlorobenzene was also detected above the SGV in MW14. Six SVOCs and eight total metals were detected in groundwater above SGVs. Four dissolved metals (magnesium, manganese, selenium, and sodium) were detected in groundwater above SGVs.

Soil Vapor and Indoor Air

Petroleum-related VOCs and CVOCs were identified in soil vapor. According to the NYSDOH Decision Matrices, the detected concentrations of carbon tetrachloride and methylene chloride in the co-located sub-slab soil vapor and indoor air samples do not require further action. Based on PCE concentrations detected in sub-slab soil vapor and indoor air sampling, the NYSDOH Decision Matrices recommend monitoring.

6.4 Conceptual Site Model

A conceptual site model has been developed based on the findings of the RI and previous investigations to produce a simplified framework for understanding the distribution of impacted materials, potential migration pathways, and potentially complete exposure pathways.

6.4.1 Potential Sources of Contamination

Potential sources of contamination have been identified and include historic fill, historical site use, on-site features (drains, potential gasoline USTs, and an inactive 1,000-gallon AST), and potential off-site sources. The site-wide presence of historic fill has been established as a source of SVOCs and metals. Petroleum-related VOCs were identified in groundwater and soil vapor. CVOCs were detected in sediment, soil, groundwater, and soil vapor.

6.4.2 Exposure Media

The impacted media include sediment, soil, groundwater, and soil vapor. Analytical data from the RI and previous investigations indicates that the historic fill material across the site contains SVOCs and metals to a maximum depth of 8 feet bgs. Groundwater impacts include VOCs, SVOCs, and metals. Soil vapor is impacted with VOCs.

6.4.3 Receptor Populations

Current on-site receptor populations are restricted to employees and authorized guests (i.e., visitors). Should the site be redeveloped, human receptors may include construction and remediation workers, authorized guests visiting the site, and the public adjacent to the site. Under future conditions, receptors would include building occupants. Potential off-site receptors include residents at the northern-adjacent building (333 Bond Street)

6.5 Potential Exposure Pathways – On-Site

6.5.1 Current Conditions

The site is covered by an impervious surface (the concrete building slab). Human exposure to contaminated soil through dermal absorption, inhalation, and ingestion is minimal and controlled through the presence of the impervious surface. There is a potential exposure pathway through dermal absorption, inhalation, and ingestion during soil sampling associated with site investigation, but it is controlled through implementation of the Health and Safety Plan (HASP).

As groundwater in this area of New York City is not used as a potable water source, a complete exposure pathway to groundwater under current site conditions is unlikely. There is a potential exposure pathway through dermal absorption and ingestion during groundwater sampling associated with site investigation, but it is controlled through implementation of the HASP.

Soil vapor is impacted by petroleum-related and SVOCs. There is a potential exposure pathway during soil vapor sampling associated with investigation and intrusion through potential cracks in the building's slabs. The potential pathway is through inhalation. This pathway is controlled through the implementation of a HASP. The indoor air and sub-slab soil vapor analytical results suggest that this pathway does not exist; NYSDOH Decision Matrices do not recommend mitigation for the detected concentrations of CVOCs.

6.5.2 Construction/Remediation Activities

Construction and remediation activities may result in potential exposures to site contaminants in the absence of a HASP and a Community Air Monitoring Plan (CAMP). Construction and remedial

activities may include demolition, excavation and off-site disposal of impacted soil, and construction activities that breach impermeable surfaces, including construction of new foundation elements. In the absence of a HASP and CAMP, this scenario presents the potential for exposure of soil COCs to construction and remediation workers via dermal absorption, ingestion, and/or inhalation of vapors and/or particulate matter. In the absence of CAMP, activities may result in exposure to the public adjacent to the site through potential generation and off-site migration of dust containing site COCs. This exposure pathway will be marginalized through the implementation of a HASP, CAMP, and vapor and dust suppression techniques.

6.5.3 Proposed Future Conditions

The proposed re-development project is still in the early planning stages and is subject to change as potential zoning changes materialize. Redevelopment may incorporate a cover system across the site and potential vapor mitigation measures. Soil vapor intrusion will be evaluated for any new structures or buildings to determine whether vapor mitigation will be necessary. These measures will prevent human exposure to impacted soil and groundwater and potential soil vapor.

There is no pathway for ingesting groundwater COCs, since the Site and surrounding areas obtain their drinking water supply from surface water reservoirs located upstate and not from groundwater. Future conditions will likely have a deed restriction on site and groundwater use to prevent exposure to residual contamination.

Institutional controls will require maintenance of engineering controls and will serve to further mitigate exposure under future conditions.

6.6 Potential Exposure Pathways – Off-Site

In the absence of a CAMP and a HASP, soil has the potential to be transported off-site by wind in the form of dust or on the tires of vehicles or equipment leaving the site during development and remedial activities, and create a potential exposure risk to the public adjacent to the site. If encountered, groundwater would be removed and either pre-treated per NYSDEC permit requirements and directly discharged to the New York City sewer system or placed in a temporary storage tank pending disposal at a permitted off-site facility. Therefore, the potential for public exposure to groundwater on adjacent sites will be minimalized.

Soil vapor may migrate off-site through the subsurface and dissipate and dilute with ambient air in instances where the site surface is compromised or during site construction/remediation. It is unknown if a complete exposure pathway exists for off-site soil vapor intrusion.

The potential off-site migration of site soil and groundwater contaminants is not expected to result in a complete exposure pathway for current, construction and remediation, or future conditions for the following reasons:

- The site is located in an urban area and currently covered with nearly continuous impervious surface covering (i.e. building foundations and concrete/asphalt paving)
- During site redevelopment remediation and construction, the following protective measures will be implemented:
    - Air monitoring will be conducted for particulates (i.e., dust) and VOCs during intrusive activities as part of CAMP. Dust and/or vapor suppression techniques will be employed to limit potential for off-site migration of soil and vapors.
    - Vehicle tires and undercarriages will be washed as necessary prior to leaving the site to prevent tracking material off-site.
    - A soil erosion/sediment control plan will be implemented during construction to control off-site migration of soil.
- Groundwater in this area of New York City is not used as a potable water source.

6.7 Evaluation of Human Health Exposure

Based upon the conceptual site model and the review of environmental data, partial on-site exposure pathways appear to be present under current conditions, and in the absence of institutional and engineering controls, complete on-site exposure pathways could potentially exist in construction/remediation and future conditions.

Complete exposure pathways have the following five elements: 1) a contaminant source; 2) a contaminant release and transport mechanism; 3) a point of exposure; 4) a route of exposure; and 5) a receptor population. A discussion of the five elements comprising a complete pathway as they pertain to the site is provided below.

6.7.1 Current Conditions

Contaminant sources include historic fill, historical site use, on-site features (drains, potential gasoline USTs, and an inactive 1,000-gallon AST), and potential off-site sources. The site-wide presence of historic fill has been established as a source of SVOCs and metals. Petroleum-related VOCs were identified in groundwater and soil vapor. CVOCs were detected in sediment, soil, groundwater, and soil vapor.

Contaminant release and transport mechanisms include contaminated soil transported as dust (dermal, ingestion, inhalation), contaminated groundwater flow and volatilization of contaminants from the soil and groundwater matrices to the soil vapor phase (inhalation), and existing soil vapor contaminants (inhalation). Under current conditions, the likelihood of human exposure is limited as CVOC concentrations indoor air are below the levels recommended for mitigation, site access is restricted to employees and authorized guests, and the impermeable building surface prevents contact with soil and groundwater. Exposure to contaminants during investigation activities is minimized by the use of a HASP and a CAMP. In addition, groundwater is not used as a potable water supply in Brooklyn.

6.7.2 Construction/Remediation Activities

During development and remediation, the contaminant sources are the same as for current conditions. Points of exposure include disturbed and exposed soil during excavation, dust and organic vapors generated during excavation, and contaminated groundwater that will be encountered during excavation and/or dewatering operations. Routes of exposure include ingestion and dermal absorption of contaminated soil and groundwater, inhalation of organic vapors arising from contaminated soil and groundwater, and inhalation of dust arising from contaminated soil. The receptor population includes construction and remediation workers and, to a lesser extent, the public adjacent to the site.

The potential for completed exposure pathways is present since all five elements exist; however, the risk will be minimized by the implementation of appropriate health and safety measures, such as monitoring the air for organic vapors and dust, using vapor and dust suppression measures, cleaning truck undercarriages before they leave the site to prevent off-site soil tracking, maintaining site security, and wearing the appropriate personal protective equipment (PPE).

6.7.3 Proposed Future Conditions

For the proposed future conditions, residual contaminants may remain on site, depending on the selected remedy, and would, to a lesser extent, include those listed under current conditions. Contaminant release and transport mechanisms include volatilization of contaminants from soil vapor or the groundwater matrix to the soil vapor phase. If institutional and/or engineering controls are not implemented, points of exposure include potential cracks in the foundation or lower-level slab of the proposed development, and exposure during any future soil-disturbing activities. Routes of exposure may include inhalation or vapors entering the building. The receptor population includes potential building tenants and/or employees, and visitors. Groundwater will be restricted for consumption under a deed restriction. The possible routes of exposure can be avoided or mitigated by the installation of engineering controls, such as soil

vapor mitigation measures and/or a site capping system, and the implementation of institutional controls, such as a Site Management Plan.

6.7.4 Human Health Exposure Assessment Conclusions

1. Under current conditions, human exposure to site contaminants is limited because of the impermeable site surface cover, and because access is restricted to employees and authorized guests. The primary exposure pathways are dermal contact, ingestion and inhalation of soil, soil vapor, or groundwater by employees in instances where the integrity of the impermeable site cover is compromised, or by site investigation workers. The exposure risks can be avoided or minimized by following the HASP and appropriate vapor and dust suppression measures, and by implementing a CAMP.
2. In the absence of institutional and engineering controls, there is a moderate risk of exposure during the construction and remediation activities. The primary exposure pathways are:

    a. Dermal contact, ingestion, and inhalation of contaminated soil, groundwater, or soil vapor by construction workers

    b. Dermal contact, ingestion, and inhalation of soil (dust) and soil vapor by the nearby community in the vicinity of the site

    These can be avoided or minimized by performing community air monitoring and by following the appropriate health and safety, vapor and dust suppression, and site security measures outlined in a site-specific HASP.

3. The existence of a complete exposure pathway for site contaminants to human receptors during proposed future conditions is unlikely as contaminant sources will likely be treated to reduce contaminant concentrations or removed, and any residual soil remaining will be capped with an impermeable foundation cover. Groundwater is not used as a potable water source, so exposure to groundwater contaminants is unlikely. The potential pathway for soil vapor intrusion into the buildings would be addressed through the use of soil vapor mitigation measures (e.g., vapor barrier, sub-membrane depressurization system, other), thereby minimizing the risk of exposure to soil vapor.
4. It is unknown if a complete exposure pathway exists for off-site soil vapor intrusion under the current condition. Monitoring and control measures will be used during investigation and construction/remediation to minimize completion of this pathway. Under future conditions, the site will be remediated, and if necessary, engineering controls may be implemented to prevent completion of this pathway.

7.0 NATURE AND EXTENT OF CONTAMINATION

This Section evaluates the nature and extent of soil, groundwater, and soil vapor contamination. The nature and extent of the contamination is derived from a combination of field observations and analytical data that were discussed in Section 5.0, and incorporates field observations and analytical data from the RI and previous investigations.

7.1 Soil Contamination

The site-wide historic fill layer extends from surface grade to depths of up to about 8.5 feet bgs. The COCs related to historic fill include SVOCs and metals. A total of 22 soil samples were collected from the historic fill layer during the SI and RI. SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding UU and/or RURR SCOs in 7 of 22 samples collected. Metals including arsenic, copper, lead, mercury, nickel, and zinc were detected at concentrations exceeding UU and/or RURR SCOs in 18 of 22 samples collected.

A sweet, solvent-like odor was noted in SI soil boring SB03 from 5 to 6 feet bgs, and a sweet-like odor and PID readings above background level were apparent in supplemental RI soil boring SB16 from 6 to 7.5 feet bgs. PCE was detected in one sediment sample, but at a concentration below SCOs. PCE was detected above the RURR SCO in one soil sample collected during the SI. CVOCs, including PCE and vinyl chloride, were detected in RI soil samples, but at concentrations below SCOs. The extent of CVOC-impacted soil appears to be limited to the garage area of the building. CVOC soil impacts may be associated with historical site use or may be from an off-site source.

Soil exhibiting petroleum-like odors and PID readings up to 22.9 ppm was observed in soil boring SB06 from 7.5 to 8 feet bgs.

7.2 Groundwater Contamination

CVOCs including 1,1-DCE, cis-1,2-DCE, PCE, trans-1,2-DCE, TCE and vinyl chloride were detected at concentrations exceeding SGVs in the SI groundwater sample collected from TMW01 and from RI monitoring wells MW06 and MW15 through MW18. CVOC impacts to groundwater appear to be generally confined to the garage area of the building. CVOC concentrations in groundwater may be indicative of a chemical release associated with historical site use, or may be from an off-site source.

The petroleum-related VOC, benzene, was detected above the SGV in MW11 and MW14. Chlorobenzene was also detected above the SGV in MW14. Petroleum-related VOCs were

localized to the southern part of the site and may be related to the historical and current petroleum bulk storage at the site, or to an off-site source.

Six SVOCs and eight total metals were detected in groundwater above SGVs. SVOC and total metals concentrations are likely due to entrained sediments related to on-site fill material.

Four dissolved metals (magnesium, manganese, selenium, and sodium) were detected above SGVs in groundwater samples collected from across the site footprint. Dissolved metals concentrations detected above SGVs are attributable to regional groundwater conditions and are not considered indicative of a release.

7.3 On-site Soil Vapor Contamination

A total of four soil vapor samples and two indoor air samples were collected during the SI and RI. Petroleum-related VOCs and CVOCs were identified in soil vapor. PCE was detected in all four vapor samples at a maximum concentration of 2,500 µg/m^3. Two indoor air samples were co-located with sub-slab soil vapor samples within the office portion of the building to evaluate potential soil vapor intrusion. Of the compounds that were detected in indoor air samples, NYSDOH Decision Matrices are provided for three: carbon tetrachloride, methylene chloride, and PCE. NYSDOH Decision Matrix A recommends no further action for carbon tetrachloride and methylene chloride. Based on PCE concentrations detected in sub-slab soil vapor and indoor air samples, the NYSDOH Decision Matrices recommend monitoring. Petroleum-related VOCs and CVOCs in soil vapor may be associated with historical site use or may be related to an off-site source.

7.4 Off-Site Soil Vapor Contamination

A total of two off-site soil vapor samples and one ambient air sample were collected from the sidewalk in front of the north-adjoining property at 333 Bond Street. Petroleum-related VOCs and CVOCs were identified in soil vapor. Total detected VOC concentrations were 69.09 µg/m^3 in OS-AA01, 1,222.87 µg/m^3 in OS-SV01, and 513.06 µg/m^3 in OS-SV02.

8.0 CONCLUSIONS

The conclusions are based on data collected during the SI, RI, and off-site SVI. The findings summarized herein are based on qualitative data (field observations and instrumental readings) and laboratory analytical results of soil, groundwater, and soil vapor samples. Findings and conclusions are as follows:

1. Stratigraphy: Historic fill material was encountered beneath the surface cover to depths ranging from about 4 to 8.5 feet bgs. Fill material predominately consists of light brown to dark brown fine to medium sand with varying amounts of gravel, silt, concrete, brick, coal flecks, and glass. The fill layer is underlain by brown, reddish-brown to grey, fine- to medium-grained sand with varying amounts of silt, silty-sand, and gravel. An interval of clay ranging in thickness between 2 to 16 inches was observed in the bottom of soil borings SB06, SB10 and SB14. Bedrock was not encountered in any of the soil borings.

2. Hydrogeology: Synoptic groundwater depth measurements were collected on June 16, 2017 from five monitoring wells (MW06, MW09 through MW11, and MW14). Groundwater levels were also gauged from MW15 through MW18 on July 18, 2018. Depth to groundwater ranged from about 5.8 feet bgs in MW15 to 7.3 feet bgs in MW14. Based on the well gauging results, groundwater appears to flow to the southwest. Regional groundwater flow is expected to be east-southeast toward the Gowanus Canal.

3. Historic Fill: The site-wide historic fill layer extends from surface grade to depths of up to about 8.5 feet bgs. The COCs related to historic fill include SVOCs and metals. SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding UU and/or RURR SCOs. Metals including arsenic, copper, lead, mercury, nickel, and zinc were detected at concentrations exceeding UU and/or RURR SCOs.

4. CVOC Impacts to Soil, Groundwater, and Soil Vapor: A sweet, solvent-like odor was noted in SI soil boring SB03 from 5 to 6 feet bgs, and a sweet-like odor and PID readings above background level were apparent in supplemental RI soil boring SB16 from 6 to 7.5 feet bgs. PCE was detected at the site above the RURR SCO in one soil sample collected during the SI. On-site CVOCs including 1,1-DCE, cis-1,2-DCE, PCE, trans-1,2-DCE, TCE and vinyl chloride were detected at concentrations exceeding SGVs in groundwater samples. PCE was detected in soil vapor across the site at a maximum concentration of 2,500 µg/m^3. Based on on-site PCE concentrations detected in sub-slab soil vapor, and indoor air, the NYSDOH Decision Matrices recommend monitoring. CVOC impacts to soil

and groundwater appear to be generally confined to the garage area of the building. Total detected VOC concentrations in off-site soil vapor samples were 69.09 µg/m³ in OS-AA01, 1,222.87 µg/m³ in OS-SV01, and 513.06 µg/m³ in OS-SV02.. CVOC concentrations in soil, groundwater, and soil vapor may be indicative of a chemical release associated with historical site use, or may be from an off-site source.

5. Petroleum Impacts to Groundwater: The petroleum-related VOC, benzene, was detected above the SGV in MW11 and MW14. Chlorobenzene was also detected above the SGV in MW14. Petroleum-related VOCs were localized to the southern part of the site and may be related to the historical and current petroleum bulk storage at the site, or to an off-site source.

Sufficient analytical data was gathered during the RI to establish site-specific soil cleanup levels and to develop a remedy for the site. The remedy will be described and evaluated in a RAWP prepared in accordance with New York State BCP guidelines. The remedy will be developed to address historic fill contaminated with SVOCs and metals; CVOC-impacted soil, groundwater, and soil vapor; and petroleum-impacted groundwater.

9.0 REFERENCES

1. Subsurface investigation Report, dated May 2015.
2. New York State Department of Health, Final Guidance for the Evaluation of Soil Vapor Intrusion in the State of New York, dated October 2006.
3. New York State Department of Environmental Conservation, Division of Environmental Remediation, Draft Brownfield Cleanup Program Guide, dated May 2004.
4. New York State Department of Environmental Conservation, Draft DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.
5. New York State Division of Water Technical and Operational Guidance Series (TOGS Class GA SGVs) (1.1.1) dated June 1998.
6. United States Environmental Protection Agency, Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures, "EPA/540/S-95/504, April 1996.
7. New York State Department of Environmental Conservation, Part 375 of Title 6 of the New York Compilation of Codes, Rules, and Regulations, Effective December 14, 2006.
8. New York State Department of Environmental Conservation, Part 703 of Title 6 of the New York Compilation of Codes, Rules, and Regulations, Effective August 4, 1999.
9. Federal Emergency Management Agency Flood Insurance Rate Map.
10. U.S. Fish and Wildlife Service Wetlands Map. https://www.fws.gov/wetlands/data/mapper.html
11. United States Geological Survey "Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey."
12. United States Environmental Protection Agency, Low Flow Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells, EQASOP-GW 001, January 19, 2010, revised September 19, 2017.

TABLES

Table 1
Sample Collection Summary
Remedial Investigation Report
335 Bond Street
Brooklyn, New York
Langan Project No. 170362501

Sample ID	Sampling Depth (feet bgs)	Boring	Sample Date	Sample Time	Sample Type	Analyses
SOIL						
SB06_7.5-8	7.5-8	SB06	3/11/2017	10:10	Grab	NYSDEC Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, and Part 375/TAL Metals and Cyanide, and Hexavalent Chromium
SB06_8-9	8-9		3/11/2017	10:15		
SB07_0-1	0-1	SB07	3/12/2017	9:10		
SB07_5-6	5-6		3/12/2017	9:15		
SB08_0-1	0-1	SB08	3/12/2017	7:50		
SB08_5-6	5-6		3/12/2017	8:05		
SB09_0-1	0-1	SB09	3/12/2017	10:10		
SB09_7.5-8	7.5-8		3/12/2017	10:15		
SB10_0-1	0-1	SB10	3/12/2017	11:30		
SB10_5-6	5-6		3/12/2017	11:35		
SB11_0-1	0-1	SB11	3/12/2017	14:15		
SB11_4-5	4-5		3/12/2017	14:20		
SBDUP01_031117	4-5		3/12/2017	14:20		
SB12_0-1	0-1	SB12	3/11/2017	12:35		
SB12_4.5-5	4.5-5		3/11/2017	12:45		
SB14_0.5-1.5	0.5-1.5	SB14	3/11/2017	11:45		
SB14_5-6	5-6		3/11/2017	11:55		
SEDIMENT						
SS01_031217	0.6	SS01	3/12/2017	15:50	Grab	NYSDEC Part 375/TCL VOCs
SS02_031117	0.6	SS02	3/11/2017	9:10		Part 375/TCL VOCs
GROUNDWATER						
MW06_031917	5 to 15	MW06	3/19/2017	12:35	Groundwater	NYSDEC Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, and Part 375/TAL Total and Dissolved Metals and Cyanide, and Hexavalent Chromium
GWDUP01_031917	5 to 15		3/19/2017	12:45		
MW09_031917	5 to 15	MW09	3/19/2017	14:45		
MW10_0301917	5 to 15	MW10	3/19/2017	15:35		
MW11_031917	5 to 15	MW11	3/19/2017	16:35		
MW14_031917	5 to 15	MW14	3/19/2017	11:05		
MW15_071818	5 to 10	MW15	7/18/2018	11:30		NYSDEC Part 375/TCL VOCs, Nitrate, Nitrite, Ammonia, Sulfate, Phosphate, TOC, COD, BOD, Alkalinity
MW16_071818	5 to 10	MW16	7/18/2018	10:30		
MW18_071818	5 to 10	MW18	7/18/2018	13:05		
MW17_071818	5 to 10	MW17	7/18/2018	8:45		NYSDEC Part 375/TCL VOCs, Nitrate, Nitrite, Ammonia, Sulfate, Phosphate, TOC, COD, BOD, Alkalinity, PFAS, 1-4 Dioxane
DUP01_071818	5 to 10		7/18/2018	9:30		
INDOOR AIR AND SUB-SLAB SOIL VAPOR						
SS01_031117	0.6	SV01	3/11/2017	8:30	Soil Vapor	VOCs by EPA Method TO-15
SS02_031117	0.6	SV02	3/11/2017	8:40		
SVDUP01_031117	0.6	SV02	3/11/2017	8:40		
IA01_031117	0	N/A	3/11/2017	7:40		
IA02_031117	0	N/A	3/11/2017	7:45		
OFF-SITE SOIL VAPOR INVESTIGATION						
OS-SV01	4	OS-SV01	9/23/2022	12:01	Soil Vapor	VOCs by EPA Method TO-15
OS-SV02	4	OS-SV02	9/23/2022	12:02		
OS-AA01	0	N/A	9/23/2022	12:03		
QA/QC						
TB01_031917	N/A	N/A	3/19/2017	12:00	N/A	NYSDEC Part 375/TCL VOCs
TB01_071818	N/A	N/A	7/18/2018	N/A	N/A	NYSDEC Part 375/TCL VOCs
FB01_031917	N/A	N/A	3/19/2017	12:00	N/A	NYSDEC Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, and Part 375/TAL Metals
FB01_071818	N/A	N/A	7/18/2018	13:30	N/A	NYSDEC Part 375/TCL VOCs, Nitrate, Nitrite, Ammonia, Sulfate, Phosphate, TOC, COD, BOD, Alkalinity, PFAS, 1-4 Dioxane

Notes:
1. TCL = Target Compound List
2. TAL = Target Analyte List
3. VOC = Volatile Organic Compound
4. SVOC = Semivolatile Organic Compounds
5. PCB = Polychlorinated Biphenyl
6. bgs = below grade surface
7. N/A = Not Applicable
8. QA/QC = Quality Assurance/Quality Control
9. DUP = Duplicate
10. NYSDEC = New York State Department of Environmental Conservation
11. EPA = Environmental Protection Agency
12. SBDUP01_031217 Is a duplicate of SB11_4-5
13. GWDUP01_031917 is a duplicate of MW06_031917
14.SVDUP01_031117 is a duplicate of SS02_031117
15. DUP01_071818 is a duplicate of MW17_071818
16. PFAS = Per- and Polyfluoroalkyl Substances

Table 2
Well Construction and Groundwater Elevation Summary
Remedial Investigation Report
335 Bond Street
Brooklyn New York
Langan Project No. 170362501

Well ID	Date Gauged	Screened Interval (feet bgs)	Total Depth (feet bgs)	Site Elevation (NAVD88)	Depth to Water from top of PVC Casing (feet bgs)	Elevation of Water Level (NAVD88)
MW-6	6/16/2017	5 to 15	15	9.07	5.74	3.33
MW-9	6/16/2017	5 to 15	15	9.16	5.71	3.45
MW-10	6/16/2017	5 to 15	15	9.14	5.86	3.28
MW-11	6/16/2017	5 to 15	15	10.24	7.15	3.09
MW-14	6/16/2017	5 to 15	15	9.99	7.32	2.67
MW15	7/18/2018	5 to 10	10	N/A	5.76	N/A
MW16	7/18/2018	5 to 10	10	N/A	6.00	N/A
MW17	7/18/2018	5 to 10	10	N/A	6.67	N/A
MW18	7/18/2018	5 to 10	10	N/A	6.59	N/A

Notes:
1. Elevations are referenced to North American Vertical Datum of 1988 (NAVD88).
2. PVC = polyvinyl chloride
3. bgs = below grade surface
4. N/A = Not Applicable

Table 3
Remedial Investigation Report
Soil Sample Results Summary

335 Bond Street
Brooklyn, New York
Langan Project No.: 170362501

Location	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	SB06	SB06	SB07	SB07	SB08	SB08	SB09	SB09	SB10	SB10	SB11	SB11	SB11	SB12	SB12	SB14	SB14
Sample ID			SB06_7.5-8	SB06_8-9	SB07_0-1	SB07_5-6	SB08_0-1	SB08_5-6	SB09_0-1	SB09_7.5-8	SB10_0-1	SB10_5-6	SB11_0-1	SB11_4-5	SBDUP01_031217	SB12_0-1	SB12_4.5-5	SB14_0.5-1.5	SB14_5-6
Laboratory ID			17C0482-01	17C0482-02	17C0482-09	17C0482-10	17C0482-07	17C0482-08	17C0482-11	17C0482-12	17C0482-13	17C0482-14	17C0482-15	17C0482-16	17C0482-17	17C0482-03	17C0482-04	17C0482-05	17C0482-06
Sample Date			3/11/2017	3/11/2017	3/12/2017	3/12/2017	3/12/2017	3/12/2017	3/12/2017	3/12/2017	3/12/2017	3/12/2017	3/12/2017	3/12/2017	3/12/2017	3/11/2017	3/11/2017	3/11/2017	3/11/2017
Sample Depth (feet bgs)			7.5-8	8-9	0-1	5-6	0-1	5-6	0-1	7.5-8	0-1	5-6	0-1	4-5	4-5	0-1	4.5-5	0.5-1.5	5-6
Volatile Organic Compounds (mg/kg)																			
Acetone	0.05	100	0.014	0.015	0.01	0.028	0.0091	0.0072 J	0.015	**0.051**	0.013 J	0.008 J	**0.095**	0.021	0.019	0.026	0.011	0.02	0.017
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0023 U	0.0019 U	0.0021 U	0.0028 U	0.0021 U	0.0022 U	0.0027 U	0.0037 J	0.0034 U	0.0021 U	0.002 U	0.0031 U	0.0031 U	0.0027 U	0.0023 U	0.0026 U	0.0023 U
Tetrachloroethene (PCE)	1.3	19	0.052	0.0024 J	0.0021 U	0.0052 J	0.0021 U	0.0022 U	0.008	0.026	0.0034 U	0.0021 U	0.002 U	0.0045 J	0.0064	0.0027 U	0.0023 U	0.0026 U	0.0023 U
Vinyl Chloride	0.02	0.9	0.0023 U	0.0021 J	0.0021 U	0.0028 U	0.0021 U	0.0022 U	0.0027 U	0.0034 U	0.0034 U	0.0021 U	0.002 U	0.0031 U	0.0031 U	0.0027 U	0.0023 U	0.0026 U	0.0023 U
Semivolatile Organic Compounds (mg/kg)																			
Acenaphthene	20	100	0.115 D	0.0469 U	0.0451 U	0.21 D	0.0449 U	0.0456 U	0.0487 U	0.264 D	0.0457 U	0.0453 U	0.0456 U	0.0571 JD	0.0476 U	0.296 D	0.0506 JD	0.0459 U	0.0462 U
Acenaphthylene	100	100	0.0791 JD	0.0469 U	0.0451 U	0.144 D	0.0449 U	0.0456 U	0.0487 U	0.584 D	0.0457 U	0.0453 U	0.0456 U	0.124 D	0.0516 JD	0.119 D	0.046 U	0.0459 U	0.0642 JD
Anthracene	100	100	0.35 D	0.0469 U	0.0489 JD	0.564 D	0.0449 U	0.0456 U	0.0487 U	1.95 D	0.0457 U	0.0453 U	0.0456 U	0.322 D	0.0941 JD	1.03 D	0.14 D	0.0459 U	0.0841 JD
Benzo(a)Anthracene	1	1	**1.05** D	0.0469 U	0.111 D	**2.08** D	0.0487 JD	0.0822 JD	0.121 D	**4.72** D	0.0992 D	0.0802 JD	0.0456 U	**1.7** D	0.464 D	**2.58** D	0.451 D	0.0459 U	**1.24** D
Benzo(a)Pyrene	1	1	0.973 D	0.0469 U	0.0914 D	**2.36** D	0.0449 U	0.0771 JD	0.126 D	**4.9** D	0.086 JD	0.0751 JD	0.0456 U	**1.98** D	0.581 D	**2.62** D	0.419 D	0.0459 U	**1.71** D
Benzo(b)Fluoranthene	1	1	0.789 D	0.0469 U	0.0899 JD	**1.86** D	0.0449 U	0.0713 JD	0.119 D	**4.5** D	0.0948 D	0.0809 JD	0.0456 U	**1.76** D	0.514 D	**1.69** D	0.361 D	0.0459 U	**1.11** D
Benzo(g,h,i)Perylene	100	100	0.426 D	0.0469 U	0.0451 U	1.36 D	0.0449 U	0.0456 U	0.0614 JD	2.51 D	0.0459 JD	0.0453 U	0.0456 U	1.51 D	0.447 D	1.81 D	0.211 D	0.0459 U	0.964 D
Benzo(k)Fluoranthene	0.8	3.9	**0.926** D	0.0469 U	0.109 D	**1.97** D	0.0458 JD	0.0844 JD	0.128 D	**3.97** D	0.0919 D	0.0845 JD	0.0456 U	**1.81** D	0.564 D	**2.38** D	0.426 D	0.0459 U	**1.5** D
Benzyl Alcohol	~	~	0.0486 U	0.0469 U	0.687 D	0.0511 U	0.0449 U	0.0456 U	0.0487 U	0.052 U	0.0457 U	0.0453 U	0.0456 U	0.0478 U	0.0476 U	0.049 U	0.046 U	0.0459 U	0.0462 U
Benzyl Butyl Phthalate	~	~	0.0486 U	0.0469 U	0.914 D	0.183 J	0.0449 U	1.09 D	0.0521 JD	1.81 J	0.051 JD	0.0453 U	0.0456 U	0.0478 UJ	0.0476 U	0.049 UJ	0.046 U	0.0459 U	0.0462 U
Bis(2-Ethylhexyl) Phthalate	~	~	0.0486 U	0.0469 U	0.0626 JD	0.0511 U	0.0449 U	0.0456 U	0.0487 U	0.052 U	0.0457 U	0.0453 U	0.0456 U	0.0478 U	0.0476 U	1.14 D	0.278 D	0.0459 U	0.0462 U
Carbazole	~	~	0.102 J	0.0469 U	0.0451 U	0.426 J	0.0449 U	0.0456 U	0.0487 U	0.47 J	0.0457 U	0.0453 U	0.0456 U	0.527 J	0.102 J	0.483 J	0.046 U	0.0459 U	0.0561 J
Chrysene	1	3.9	**1.13** D	0.0469 U	0.134 D	**2.37** D	0.063 JD	0.107 D	0.147 D	**4.58** D	0.114 D	0.132 D	0.0456 U	**2.09** D	0.552 D	**2.74** D	0.499 D	0.0483 JD	**1.31** D
Dibenz(a,h)Anthracene	0.33	0.33	0.209 D	0.0469 U	0.0451 U	**0.621** JD	0.0449 U	0.0456 U	0.0487 U	**1.38** J	0.0457 U	0.0453 U	0.0456 U	**0.658** J	0.187 D	**0.835** J	0.088 JD	0.0459 U	**0.429** D
Dibenzofuran	7	59	0.0783 JD	0.0469 U	0.0451 U	0.0889 JD	0.0449 U	0.0456 U	0.0487 U	0.0963 JD	0.0457 U	0.0453 U	0.0456 U	0.0478 U	0.0476 U	0.136 D	0.046 U	0.0459 U	0.0462 U
Di-N-Butyl Phthalate	~	~	0.0486 U	0.0469 U	0.0451 U	0.0511 U	0.0449 U	0.0456 U	0.0487 U	0.052 U	0.0457 U	0.0453 U	0.0456 U	0.0478 U	0.0476 U	0.064 JD	0.0982 D	0.0459 U	0.0462 U
Di-N-Octylphthalate	~	~	0.0486 U	0.0469 U	0.0451 U	0.0511 U	0.0449 U	0.0456 U	0.0487 U	0.052 U	0.0457 U	0.0453 U	0.0456 U	0.0478 U	0.0476 U	0.237 D	0.052 JD	0.0459 U	0.0462 U
Fluoranthene	100	100	2.48 D	0.0469 U	0.301 D	4.51 D	0.12 D	0.223 D	0.275 D	14.5 D	0.249 D	0.258 D	0.0456 U	5.35 D	1.16 D	8.99 D	1.21 D	0.0644 JD	1.96 D
Fluorene	30	100	0.107 D	0.0469 U	0.0451 U	0.164 D	0.0449 U	0.0456 U	0.0487 U	0.355 D	0.0457 U	0.0453 U	0.0456 U	0.0777 JD	0.0476 U	0.173 D	0.046 U	0.0459 U	0.0462 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.387 D	0.0469 U	0.0451 U	**1.31** J	0.0449 U	0.0456 U	0.0498 JD	**2.9** J	0.0457 U	0.0453 U	0.0456 U	**1.43** J	0.41 D	**1.85** J	0.196 D	0.0459 U	**0.913** D
Naphthalene	12	100	0.0486 U	0.0469 U	0.0451 U	0.0511 U	0.0449 U	0.0456 U	0.0487 U	0.0631 JD	0.0457 U	0.0453 U	0.0456 U	0.0478 U	0.0476 U	0.049 U	0.046 U	0.0459 U	0.0462 U
Phenanthrene	100	100	1.67 D	0.0469 U	0.248 D	2.6 D	0.0752 JD	0.155 D	0.15 D	5.27 D	0.122 D	0.186 D	0.0456 U	2.22 D	0.367 D	4.72 D	0.693 D	0.0459 U	0.204 D
Pyrene	100	100	1.9 D	0.0469 U	0.224 D	3.48 D	0.0967 D	0.172 D	0.222 D	11.9 D	0.192 D	0.207 D	0.0456 U	3.9 D	0.874 D	6.26 D	0.916 D	0.052 JD	1.86 D
Pesticides (mg/kg)																			
Endrin Aldehyde	~	~	0.00192 U	0.00185 U	0.00178 U	0.00202 U	0.00177 U	0.00424 D	0.00192 U	0.00205 U	0.0018 U	0.00179 U	0.0018 U	0.00189 U	0.00188 UJ	0.00193 U	0.00181 U	0.00181 U	0.00183 U
Polychlorinated Biphenyls (mg/kg)	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Inorganics (mg/kg)																			
Aluminum	~	~	5,480	5,900	7,210	7,350	7,170	5,160	7,660	7,840	9,470	7,730	5,690	5,400	3,700	6,850	8,310	3,800	4,290
Arsenic	13	16	2.81	1.98	2.2	6.33	2.25	1.74	3.58	11.4	4.42	2.64	4.25	7.22	5.41	**22.6**	5.16	2.12	2.05
Barium	350	400	55.3	46.5	60.2	158	67.7	47	96.4	194	70.5	80.5	86.8	112	61.7	168	80.9	19.9	32.5
Beryllium	7.2	72	0.315	0.345	0.368	0.389	0.349	0.297	0.374	0.346	0.352	0.311	0.337	0.4	0.193	0.406	0.36	0.216	0.272
Cadmium	2.5	4.3	0.349 U	0.336 U	0.324 U	0.383	1.04	0.327 U	0.35 U	0.456	0.328 U	0.325 U	0.327 U	0.343 U	0.341 U	1.86	0.33 U	0.329 U	0.332 U
Calcium	~	~	11,900	1,650	7,740	31,100	3,740	2,850	29,400	20,900	9,110	1,320	10,100	19,100	15,300	48,200	16,500	3,660	1,630
Chromium, Total	~	~	13	14.3	18.3	19.9	18.5	16.8	16.6	22.5	24.1	21.9	19.4	11.5	10.5	29.5	18.6	8.79	9.72
Chromium, Trivalent	30	180	13	14.3	18.3	19.9	18.5	16.8	16.6	22.5	24.1	21.9	19.4	11.5	10.5	29.5	18.6	8.79	9.72
Cobalt	~	~	7.04	6.74	7.58	7.62	9.64	6.16	7.19	7.75	11.2	8.61	7.48	6.03	4.34	6.2	6.69	4.55	4.71
Copper	50	270	37.9	16.5	27.1	**61.1**	36.4	18.9	19	**72.8**	34.7	29.4	38.7	**53.9**	41.8	**97.3**	28.6	12.1	32.6
Iron	~	~	23,900	12,000	14,600	20,800	14,700	11,300	14,600	17,300	23,300	14,700	14,800	9,040	8,370	29,600	14,200	8,550	9,180
Lead	63	400	**116**	6.97	37.4	**245**	**69.2**	22.5	**91.8**	**277**	**133**	**83**	**139**	**286**	**127**	**842**	62.1	18.2	40
Magnesium	~	~	3,030	3,100	3,110	5,280	3,480	2,620	9,630	4,880	4,960	3,180	2,690	1,990	1,590	3,930	4,280	2,060	1,930
Manganese	1,600	2,000	324	203	346	485	359	244	637	405	463	469	330	172	145	300	313	181	105
Mercury	0.18	0.81	**0.361**	0.0336 U	0.0957	**0.65**	0.125	0.0694	**0.685**	**1.49**	**0.97**	**0.321**	**0.238**	**2.75**	**0.605**	**4.36**	**0.295**	0.0939	0.143
Nickel	30	310	16.9	24.2	**36.1**	24.3	**38.3**	29.2	**34.2**	**42.3**	**50.1**	**45.2**	**31.3**	18.8	15.1	26.2	27.1	19.8	17.7
Potassium	~	~	1,090	1,020	1,360	1,380	1,540	1,150	1,360	1,720	1,980	1,350	988	858	717	981	968	825	706
Selenium	3.9	180	1.48	1.12 U	1.08 U	1.46	1.33	1.09 U	1.17 U	1.54	1.97	1.26	1.35	1.14 U	1.14 U	2.5	1.86	1.1 U	1.11 U
Sodium	~	~	438	251	545	860	845	471	735	433	1,130	367	739	1,110	802	739	266	337	391
Vanadium	~	~	25.9	22.2	25	28.4	29.6	20.4	22.5	32.6	44.7	32.2	21.1	16.9	12	31	26.7	17.4	15.5
Zinc	109	10,000	43.7	27.9	50	**159**	**315**	39.2	49.2	**233**	63.6	57.7	82.5	97.7	75.3	**528**	65.7	24.9	32.8
General Chemistry (%)																			
Solids, Percent	~	~	86	89.2	92.7	81.7	93.1	91.7	85.8	80.3	91.4	92.3	91.8	87.5	87.9	85.4	90.9	91.1	90.4

Notes:

1. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).
2. Only detected analytes are shown in the table.
3. Analytes detected with concentrations above Unrestricted Use SCOs are bolded.
4. Analytes detected with concentrations above Restricted Use Restricted-Residential SCOs are shaded.
5. Analytical results with reporting limits (RL) above the lowest applicable criteria are italicized.
6. Sample SBDUP01_031217 is a duplicate sample of SB11_4-5.
7. ~ = Regulatory limit for this analyte does not exist
8. bgs = below grade surface
9. mg/kg = milligrams per kilogram
10. % = percent
11. ND = Not detected

Qualifiers:

D = The concentration reported is a result of a diluted sample.
J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ – The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Table 4
Remedial Investigation Report
Sediment Sample Results Summary

335 Bond Street
Brooklyn, New York
Langan Project No.: 170362501

Location Sample ID Laboratory ID Sample Date Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	SS01 SS01_031217 17C0484-02 3/12/2017 0.3-0.3	SS02 SS02_031117 17C0484-01 3/11/2017 0.3-0.3
Volatile Organic Compounds (mg/kg)				
Acetone	0.05	100	0.0071 U	**0.091**
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0035 U	0.021
Tetrachloroethene (PCE)	1.3	19	0.063	0.004 U
General Chemistry (%)				
Solids, Percent	~	~	74.8	43.9

Notes:

1. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).
2. Only detected analytes are shown in the table.
3. Analytes detected with concentrations above Unrestricted Use SCOs are bolded.
4. Analytes detected with concentrations above Restricted Use Restricted-Residential SCOs are shaded.
5. Analytical results with reporting limits (RL) above the lowest applicable criteria are italicized.
6. ~ = Regulatory limit for this analyte does not exist
7. bgs = below grade surface
8. mg/kg = milligrams per kilogram
9. % = percent

Qualifiers:

UJ – The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Table 5A
Remedial Investigation Report
Groundwater Sample Results Summary

335 Bond Street
New York, New York
Langan Project No.: 170362501

Location	NYSDEC	MW06	MW06	MW09	MW10	MW11	MW14	MW15	MW16	MW17	MW17	MW18
Sample ID	SGVs	MW06_031917	GWDUP01_031917	MW09_031917	MW10_031917	MW11_031917	MW14_031917	MW15_071818	MW16_071818	MW17_071818	DUP01_071818	MW18_071818
Laboratory ID		17C0708-01	17C0708-06	17C0708-02	17C0708-03	17C0708-04	17C0708-05	18G0816-01	18G0816-02	18G0816-03	18G0816-05	18G0816-04
Sample Date		3/19/2017	3/19/2017	3/19/2017	3/19/2017	3/19/2017	3/19/2017	7/18/2018	7/18/2018	7/18/2018	7/18/2018	7/18/2018
Volatile Organic Compounds (µg/L)												
1,1,1-Trichloroethane	5	0.31 J	0.29 J	0.2 U	0.2 U	0.2 U	0.2 U	0.56	0.28 J	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	5	2	1.8	0.2 U	0.2 U	0.2 U	0.2 U	1.64	0.79	2.76 J	4.02 J	0.25 J
1,1-Dichloroethene	5	0.26 J	0.21 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**9.25**	0.58 J	1.86 J	0.2 U
1,3,5-Trimethylbenzene (Mesitylene)	5	0.2 U	0.2 U	0.2 U	0.32 J	0.2 U	0.2 U	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	0.56	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acetone	50	1 U	1 U	1 U	2 U	1 U	1 U	9.28 J	3.78 J	2.66 J	1 U	1 U
Benzene	1	0.33 J	0.32 J	0.2 U	0.2 U	**1.1**	**56** D	0.48 J	0.25 J	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	**15**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2.55	2.44	0.2 U	0.2 U	0.2 U
Cis-1,2-Dichloroethene	5	**32** D	**23**	0.53	0.2 U	0.2 U	0.2 U	**21.6**	**1,930** J	**15.3**	**17.9**	**7.03**
Cyclohexane	~	0.2 U	0.2 U	3.8	26	0.38 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene (Cumene)	5	0.2 U	0.2 U	1	1.3	0.2 U	0.24 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.34 J	0.2 U	0.2 U	0.2 U	0.2 U
Methylcyclohexane	~	0.2 U	0.2 U	2.5	15	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
o-Xylene (1,2-Dimethylbenzene)	5	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.22 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
T-Butylbenzene	5	0.2 U	0.2 U	0.48 J	0.99	0.2 U	0.39 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tert-Butyl Alcohol	~	1 U	1 U	2.4	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tert-Butyl Methyl Ether	10	0.39 J	0.32 J	0.71	1.1	1.6	1.2	0.42 J	0.36 J	0.37 J	0.38 J	0.33 J
Tetrachloroethene (PCE)	5	**20**	**18**	0.32 J	0.2 U	0.2 U	0.2 U	**63.6**	**90.1**	3.46 J	**5.78** J	2.05
Trans-1,2-Dichloroethene	5	0.38 J	0.25 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**35.8**	0.2 U	0.22 J	0.2 U
Trichloroethene (TCE)	5	4.4	4.6	0.2 U	0.2 U	0.2 U	0.2 U	**7.48**	**142**	2.17	3.43	0.61
Vinyl Chloride	2	**190** D	**190** D	1.4	0.26 J	0.78	0.2 U	**6.63**	**1,270** J	**15.4** J	**47.8** J	**3.53**
Semivolatile Organic Compounds (µg/L)												
Acenaphthene	20	0.0556 U	0.05 U	0.0588 U	0.0571	0.0824	0.41	NA	NA	NA	NA	NA
Acenaphthylene	~	0.0556 U	0.05 U	0.0588 U	0.08	0.0588 U	0.05 U	NA	NA	NA	NA	NA
Anthracene	50	0.0556 U	0.05	0.0588 U	0.126	0.0588 U	0.05 U	NA	NA	NA	NA	NA
Benzo(a)Anthracene	0.002	*0.0556* UJ	**0.13** J	**0.0824**	**0.514**	*0.0588* U	*0.05* U	NA	NA	NA	NA	NA
Benzo(a)Pyrene	0	*0.0556* UJ	**0.12** J	*0.0588* U	**0.434**	*0.0588* U	*0.05* U	NA	NA	NA	NA	NA
Benzo(b)Fluoranthene	0.002	*0.0556* UJ	**0.23** J	*0.0588* U	**0.423**	*0.0588* U	*0.05* U	NA	NA	NA	NA	NA
Benzo(g,h,i)Perylene	~	0.0556 U	0.08	0.0588 U	0.183	0.0588 U	0.05 U	NA	NA	NA	NA	NA
Benzo(k)Fluoranthene	0.002	*0.0556* UJ	**0.1** J	**0.0588**	**0.389**	*0.0588* U	*0.05* U	NA	NA	NA	NA	NA
Bis(2-Ethylhexyl) Phthalate	5	0.556 U	0.5 U	1.06	1.82	0.588 U	0.56	NA	NA	NA	NA	NA
Chrysene	0.002	*0.0556* UJ	**0.13** J	**0.0588**	**0.64**	*0.0588* U	*0.05* U	NA	NA	NA	NA	NA
Dibenz(a,h)Anthracene	~	0.0556 U	0.05 U	0.0588 U	0.08	0.0588 U	0.05 U	NA	NA	NA	NA	NA
Fluoranthene	50	0.0556 UJ	0.28 J	0.165	1.11	0.0588 U	0.05 U	NA	NA	NA	NA	NA
Fluorene	50	0.0556 U	0.05 U	0.0588 U	0.0571 U	0.0588 U	0.05	NA	NA	NA	NA	NA
Indeno(1,2,3-c,d)Pyrene	0.002	*0.0556* U	**0.07**	*0.0588* U	**0.171**	*0.0588* U	*0.05* U	NA	NA	NA	NA	NA
Naphthalene	10	0.0556 U	0.05 U	0.0706	0.08	0.0588 U	0.1	NA	NA	NA	NA	NA
Phenanthrene	50	0.0556 J	0.19 J	0.118	0.411	0.0588 U	0.05 U	NA	NA	NA	NA	NA
Pyrene	50	0.0556 UJ	0.22 J	0.224	1.41	0.0588 U	0.05 U	NA	NA	NA	NA	NA
Pesticides (µg/L)	~	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (µg/L)	~	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Inorganics (µg/L)												
Aluminum	~	10,100	14,600	365	21,500	805	1,360	NA	NA	NA	NA	NA
Aluminum (Dissolved)	~	55.6 U	55.6 U	55.6 U	55.6 U	55.6 U	60.9	NA	NA	NA	NA	NA
Arsenic	25	7.58 D	9.73 D	2.22 U	14.6 D	2.22 U	3.93 D	NA	NA	NA	NA	NA
Arsenic (Dissolved)	25	5.13 D	5.04 D	2.22 U	2.22 U	2.22 U	5.36 D	NA	NA	NA	NA	NA
Barium	1,000	495	516	146	499	848	636	NA	NA	NA	NA	NA
Barium (Dissolved)	1,000	351	379	150	228	958	658	NA	NA	NA	NA	NA
Beryllium	3	0.867 D	1.02 D	0.667 U	1.44 D	0.667 U	0.667 U	NA	NA	NA	NA	NA
Calcium	~	160,000 J	155,000	114,000	188,000	157,000	120,000	NA	NA	NA	NA	NA
Calcium (Dissolved)	~	139,000	149,000	117,000	140,000	180,000	124,000	NA	NA	NA	NA	NA
Chromium, Hexavalent	50	**54** J	**143** J	19 J	41 J	**99** J	**85** J	NA	NA	NA	NA	NA
Chromium, Total	50	15.2 J	24.2 J	5.56 U	**55.2**	5.56 U	5.56 U	NA	NA	NA	NA	NA
Chromium, Trivalent	~	10 U	10 U	10 U	14.2	10 U	10 U	NA	NA	NA	NA	NA
Copper	200	116	98.6	13.6	88.9	10.9	12.7	NA	NA	NA	NA	NA
Copper (Dissolved)	200	11.9 J	11.3	13.3	12.7	13.2	14.5	NA	NA	NA	NA	NA
Iron	300	**39,700** J	**46,600**	**1,640**	**29,300**	**17,500**	**20,600**	NA	NA	NA	NA	NA
Iron (Dissolved)	300	**24,200**	**30,200**	**1,260**	**3,350**	**19,200**	**19,300**	NA	NA	NA	NA	NA
Lead	25	**36.4**	**67.7** J	3.33 U	**893**	4.98	3.33 U	NA	NA	NA	NA	NA
Magnesium	35,000	**72,500** J	**73,200**	13,900	24,500	**50,800**	**48,000**	NA	NA	NA	NA	NA
Magnesium (Dissolved)	35,000	**66,100**	**74,000**	14,200	18,700	**58,400**	**48,800**	NA	NA	NA	NA	NA
Manganese	300	**1,700**	**1,590**	**667**	**1,800**	**2,350**	**1,050**	NA	NA	NA	NA	NA
Manganese (Dissolved)	300	**1,520**	**1,510**	**702**	**1,360**	**2,730**	**1,060**	NA	NA	NA	NA	NA
Molybdenum	~	2.78 D	2.89 D	2.84 D	4.98 D	2.22 U	2.22 U	NA	NA	NA	NA	NA
Molybdenum (Dissolved)	~	2.31 D	2.36 D	2.69 D	2.51 D	2.22 U	2.22 U	NA	NA	NA	NA	NA
Nickel	100	**125**	90.8	5.56 U	57.2	6.21	7	NA	NA	NA	NA	NA
Nickel (Dissolved)	100	17.1	14.8	5.56 U	5.56 U	5.56 U	5.56 U	NA	NA	NA	NA	NA
Potassium	~	27,800 J	28,000	14,700	22,100	34,500	32,800	NA	NA	NA	NA	NA
Potassium (Dissolved)	~	23,800	25,500	14,700	19,500	39,100	32,000	NA	NA	NA	NA	NA
Selenium	10	6.78 D	7.82 D	2.4 D	4.04 D	6.27 D	**10.7** D	NA	NA	NA	NA	NA
Selenium (Dissolved)	10	9.33 D	7.27 D	2.22 U	2.24 D	8.69 D	**16.8** D	NA	NA	NA	NA	NA
Sodium	20,000	**256,000** J	**262,000**	**78,000**	**112,000**	**201,000**	**447,000** D	NA	NA	NA	NA	NA
Sodium (Dissolved)	20,000	**223,000**	**260,000**	**78,600**	**122,000**	**229,000**	**434,000** J	NA	NA	NA	NA	NA
Vanadium	~	18.3	26.8	11.1 U	55.3	11.1 U	11.1 U	NA	NA	NA	NA	NA
Zinc	2,000	61.3 J	98.2	28.6	240	28.2	26	NA	NA	NA	NA	NA
Zinc (Dissolved)	2,000	25.3	28.8	24.7	19.7	23.4	36.9	NA	NA	NA	NA	NA

Notes:

1. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (NYSDEC SGVs).
2. Only detected analytes are shown in the
3. Analytes detected with concentrations above
NYSDEC SGVs are bolded and shaded.
4. Analytical results with reporting limits (RL)
above NYSDEC SGVs are italicized.
5. Sample GWDUP01_031917 is a duplicate sample of MW06_031917 and
6. ~ = Regulatory limit for this analyte does not exist
7. µg/L = micrograms per liter
8. NA = Not analyzed
9. ND = Not detected

Qualifiers:

D = The concentration reported is a result of a diluted sample.
J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ – The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Table 5B
Remedial Investigation Report
Groundwater Sample Results Summary - PFAS & 1,4-Dioxane

335 Bond Street
New York, New York
Langan Project No.: 170362501

Location	MW17		MW17	
Sample ID	MW17_071818		DUP01_071818	
Laboratory ID	18G0847-01		18G0847-02	
Sample Date	7/18/2018		7/18/2018	
Semivolatile Organic Compounds (µg/L)				
1,4-Dioxane (P-Dioxane)	2.8		2.8	
Per and Polyfluoroalkyl Substances (ng/L)				
Perfluorobutanesulfonic Acid (PFBS)	2	U	6.2	
Perfluorobutanoic acid (PFBA)	43	J	18	J
Perfluoroheptanoic acid (PFHpA)	56		51	
Perfluorohexanesulfonic Acid (PFHxS)	9		8.6	
Perfluorohexanoic Acid (PFHxA)	230	J	240	J
Perfluorononanoic Acid (PFNA)	11		9.3	
Perfluorooctanesulfonic acid (PFOS)	33		34	
Perfluorooctanoic Acid (PFOA)	99		90	
Perfluoropentanoic Acid (PFPeA)	310	J	340	J
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonate (6:2)	34	J	2.7	J

Notes:
1. Regulatory criteria do not exist for per- and polyfluoroalkyl substances (PFAS) and 1,4-Dioxane in New York
2. Only detected analytes are shown in the table.
3. Sample DUP01_071818 is a duplicate sample of MW17_071818.
4. µg/L = micrograms per liter
5. ng/L = nanograms per liter

Qualifiers:
J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the Reporting Limit (RL) or the sample concentration for results impacted by blank contamination.

Table 5C
Remedial Investigation Report
Groundwater Sample Results Summary - Biological Parameters

335 Bond Street
New York, New York
Langan Project No.: 170362501

Location		MW15		MW16		MW17		MW17		MW18
Sample ID	NYSDEC	MW15_071818		MW16_071818		MW17_071818		DUP01_071818		MW18_071818
Laboratory ID	SGVs	18G0816-01		18G0816-02		18G0816-03		18G0816-05		18G0816-04
Sample Date		7/18/2018		7/18/2018		7/18/2018		7/18/2018		7/18/2018
General Chemistry (µg/L)										
Alkalinity (As Calcium Carbonate)	~	350,000		150,000		520,000		500,000		450,000
COD-Chemical Oxygen Demand	~	320,000		170,000		48,000		54,000		85,000
Nitrogen, Ammonia (As N)	2,000	468		1,140		939		990		1,230
Nitrogen, Nitrate (As N)	10,000	98.4		5,630		50	U	50	U	2,560
Nitrogen, Nitrite	1,000	50	U	**1,940**		50	U	50	U	888
Phosphorus, Orthophosphate	~	100	U	100	U	100	U	100	U	251
Sulfate (As SO4)	250,000	188,000	J	**642,000**	J	54,800	D	51,800	D	9,930
Total Organic Carbon	~	5,340		5,430		3,180		3,450		3,880

Notes:

1. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (NYSDEC SGVs).
2. Only detected analytes are shown in the table.
3. Analytes detected with concentrations above NYSDEC SGVs are bolded and shaded.
4. Analytical results with reporting limits (RL) above NYSDEC SGVs are italicized.
5. Sample DUP01_071818 is a duplicate sample of MW17_071818.
6. ~ = Regulatory limit for this analyte does not exist
7. µg/L = micrograms per liter

Qualifiers:

D = The concentration reported is a result of a diluted sample.
J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ – The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Table 5D
Remedial Investigation Report
Groundwater Sample Results - Dehalococcoides

335 Bond Street
New York, New York
Langan Project No.: 170362501

Location	MW15	MW16	MW17	MW17	MW18
Sample ID	MW15_071818	MW16_071818	MW17_071818	DUP01_071818	MW18_071818
Laboratory ID	054PG-1	054PG-2	054PG-3	054PG-5	054PG-4
Sample Date	7/18/2018	7/18/2018	7/18/2018	7/18/2018	7/18/2018
DHC (cells/mL)					
Dehalococcoides	1.2	0.7 U	30.5	2.6	0.9 U

Notes:

1. There are no New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (NYSDEC SGVs)for this analyte.
2. Sample DUP01_071818 is a duplicate sample of
3. cells/mL = calls per milliliter

Qualifiers:

U = The analyte was analyzed for, but was not detected at a level greater than or equal to the Reporting Limit (RL); the value shown in the table is the RL.

Table 6
Remedial Investigation Report
Sub-Slab Soil Vapor Sample Results Summary

335 Bond Street
New York, New York
Langan Project No.: 170362501

Location	NYSDOH AGVs	IA01		IA02		SS01		SS02		SS02	
Sample ID		IA01_031117		IA02_031117		SS01_VI_031117		SS02_VI_031117		SVDUP01_031117	
Laboratory ID		17C0481-03		17C0481-04		17C0481-01		17C0481-02		17C0481-05	
Sample Date		3/11/2017		3/11/2017		3/11/2017		3/11/2017		3/11/2017	
Sample Type		IA		IA		SSV		SSV		SSV	
Volatile Organic Compounds (µg/m³)											
1,2,4-Trimethylbenzene	~	3.7	D	3.2	D	11	D	12	D	11	U
1,3,5-Trimethylbenzene (Mesitylene)	~	1.9	D	0.96	D	9.3	U	9.6	U	11	U
4-Ethyltoluene	~	3.2	D	2.8	D	9.3	U	11	D	11	U
Acetone	~	17	D	21	D	120	D	790	J	170	J
Benzene	~	4.3	D	4.3	D	8.5	D	6.2	U	7	U
Carbon Disulfide	~	2.3	D	0.36	U	6.5	D	6.1	D	6.8	U
Carbon Tetrachloride	~	0.17	U	0.43	D	3	U	3.1	U	3.4	U
Chloromethane	~	1.8	D	1.4	D	3.9	U	4	U	4.5	U
Cyclohexane	~	1.3	D	1	D	6.5	U	6.7	U	8.3	D
Dichlorodifluoromethane	~	3.3	D	2.4	D	9.4	U	9.7	U	11	U
Ethylbenzene	~	2.3	D	2.1	D	8.2	U	8.5	U	9.5	U
Isopropanol	~	970	J	1,100	J	250	J	660	J	160	J
M,P-Xylene	~	7.6	D	9	D	22	D	17	U	19	U
Methyl Ethyl Ketone (2-Butanone)	~	1.5	D	1.3	D	7.3	D	51	J	6.5	UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~	1.7	D	0.47	U	7.8	U	8	U	9	U
Methylene Chloride	60	5.8	D	2.4	D	18	D	14	U	15	U
n-Heptane	~	2.2	D	2.3	D	7.8	U	8	U	9	U
n-Hexane	~	3	D	3.5	D	6.7	U	6.9	U	7.7	U
o-Xylene (1,2-Dimethylbenzene)	~	2.7	D	2.9	D	8.2	U	8.5	U	9.5	U
Tetrachloroethene (PCE)	30	3.5	D	0.2	U	**280**	D	**100**	D	**71**	D
Toluene	~	9	D	13	D	28	D	9.6	D	8.3	U
Trichlorofluoromethane	~	3.2	D	0.65	U	11	U	11	U	12	U

Notes:
1. Sub-slab soil vapor sample analytical results are compared to the New York State Department of Health Air Guideline Values (AGVs) as set forth in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (2013, 2015).
2. Only detected analytes are shown in the table.
3. Analytes detected with concentrations above the NYSDOH AGVs sample are bolded and shaded.
4. Analytical results with reporting limits (RL) above the NYSDOH AGVs are italicized.
5. Sample SVDUP01_031117 is a duplicate of parent sample SS02_VI_031117.
6. ~ = Regulatory limit for this analyte does not exist
7. µg/m³ = micrograms per cubic meter
8. IA = Indoor air
9. SSV = Sub-slab soil vapor

Qualifiers:
D = The concentration reported is a result of a diluted sample.
J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ – The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.
U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank

Table 7
Off-Site Soil Vapor Sample Analytical Results

335 Bond Street
Brooklyn, New York
NYSDEC BCP Site No.: C224225
Langan Project No.: 170362501

Analyte	CAS Number	Location	OS-AA01	OS-SV01	OS-SV02
		Sample Name	OS-AA01	OS-SV01	OS-SV02
		Sample Date	09/23/2022	09/23/2022	09/23/2022
		Sample Type	AA	SV	SV
		Unit	Result	Result	Result
Volatile Organic Compounds					
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	<0.69 U	<2.2 U	<1.1 U
1,1,1-Trichloroethane	71-55-6	ug/m3	<0.55 U	9.8 D	5.6 D
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	<0.69 U	<2.2 U	<1.1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/m3	0.85 D	<2.4 U	<1.3 U
1,1,2-Trichloroethane	79-00-5	ug/m3	<0.55 U	<1.7 U	<0.9 U
1,1-Dichloroethane	75-34-3	ug/m3	<0.41 U	<1.3 U	<0.66 U
1,1-Dichloroethene	75-35-4	ug/m3	<0.1 U	<0.31 U	0.26 D
1,2,4-Trichlorobenzene	120-82-1	ug/m3	<0.75 UJ	<2.3 UJ	<1.2 UJ
1,2,4-Trimethylbenzene	95-63-6	ug/m3	<0.5 U	5.7 D	5.3 D
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/m3	<0.78 U	<2.4 U	<1.3 U
1,2-Dichlorobenzene	95-50-1	ug/m3	<0.61 U	<1.9 U	<0.99 U
1,2-Dichloroethane	107-06-2	ug/m3	<0.41 U	<1.3 U	<0.66 U
1,2-Dichloropropane	78-87-5	ug/m3	<0.47 U	<1.5 U	<0.76 U
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	<0.71 U	<2.2 U	<1.1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/m3	<0.5 U	2 D	2 D
1,3-Butadiene	106-99-0	ug/m3	<0.67 U	2.7 D	7.8 D
1,3-Dichlorobenzene	541-73-1	ug/m3	<0.61 U	<1.9 U	<0.99 U
1,3-Dichloropropane	142-28-9	ug/m3	<0.47 U	<1.5 U	<0.76 U
1,4-Dichlorobenzene	106-46-7	ug/m3	<0.61 U	<1.9 U	<0.99 U
1,4-Dioxane (P-Dioxane)	123-91-1	ug/m3	<0.73 U	<2.3 U	<1.2 U
2-Hexanone (MBK)	591-78-6	ug/m3	<0.83 U	20 D	20 D
4-Ethyltoluene	622-96-8	ug/m3	<0.5 U	4.8 D	4.3 D
Acetone	67-64-1	ug/m3	6.6 D	120 D	62 D
Acrylonitrile	107-13-1	ug/m3	<0.22 U	1.2 D	<0.36 U
Allyl Chloride (3-Chloropropene)	107-05-1	ug/m3	<1.6 U	<4.9 U	<2.6 U
Benzene	71-43-2	ug/m3	0.9 D	11 D	47 D
Benzyl Chloride	100-44-7	ug/m3	<0.52 U	<1.6 U	<0.85 U
Bromodichloromethane	75-27-4	ug/m3	<0.68 U	2.1 D	<1.1 U
Bromoethene	593-60-2	ug/m3	<0.44 U	<1.4 U	<0.72 U
Bromoform	75-25-2	ug/m3	<1 U	<3.2 U	<1.7 U
Bromomethane	74-83-9	ug/m3	<0.39 U	<1.2 U	<0.64 U
Carbon Disulfide	75-15-0	ug/m3	<0.31 U	12 D	3.9 D
Carbon Tetrachloride	56-23-5	ug/m3	0.32 D	<0.49 U	<0.26 U
Chlorobenzene	108-90-7	ug/m3	<0.47 U	<1.4 U	<0.76 U
Chloroethane	75-00-3	ug/m3	<0.27 U	<0.83 U	<0.43 U
Chloroform	67-66-3	ug/m3	<0.49 U	19 D	3.5 D
Chloromethane	74-87-3	ug/m3	1.7 D	<0.65 U	<0.34 U
Cis-1,2-Dichloroethene	156-59-2	ug/m3	<0.1 U	0.87 D	<0.16 U
Cis-1,3-Dichloropropene	10061-01-5	ug/m3	<0.46 U	<1.4 U	<0.75 U
Cyclohexane	110-82-7	ug/m3	0.35 D	4.4 D	11 D
Dibromochloromethane	124-48-1	ug/m3	<0.86 U	<2.7 U	<1.4 U
Dichlorodifluoromethane	75-71-8	ug/m3	2.1 D	2.6 D	2.3 D
Ethyl Acetate	141-78-6	ug/m3	<0.73 U	<2.3 U	<1.2 U
Ethylbenzene	100-41-4	ug/m3	<0.44 U	9.6 D	4.8 D
Hexachlorobutadiene	87-68-3	ug/m3	<1.1 U	<3.4 U	<1.8 U
Isopropanol	67-63-0	ug/m3	7.5 D	5.7 D	4.9 D
M,P-Xylene	179601-23-1	ug/m3	1.1 D	37 D	17 D
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/m3	0.66 D	16 D	11 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone	108-10-1	ug/m3	0.58 D	20 D	26 D
Methyl Methacrylate	80-62-6	ug/m3	<0.41 U	<1.3 U	<0.67 U
Methylene Chloride	75-09-2	ug/m3	<0.7 U	3.6 D	<1.1 U
n-Heptane	142-82-5	ug/m3	0.91 D	6.2 D	21 D
n-Hexane	110-54-3	ug/m3	0.78 D	5 D	30 D
o-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/m3	0.44 D	20 D	7.6 D
Propylene	115-07-1	ug/m3	1.1 D	36 D	40 D
Styrene	100-42-5	ug/m3	<0.43 U	<1.3 U	<0.7 U
Tert-Butyl Methyl Ether	1634-04-4	ug/m3	<0.36 U	<1.1 U	<0.59 U
Tetrachloroethene (PCE)	127-18-4	ug/m3	1.1 D	810 D	110 D
Tetrahydrofuran	109-99-9	ug/m3	<0.6 U	3.4 D	21 D
Toluene	108-88-3	ug/m3	42 D	28 D	43 D
Trans-1,2-Dichloroethene	156-60-5	ug/m3	<0.4 U	<1.2 U	<0.65 U
Trans-1,3-Dichloropropene	10061-02-6	ug/m3	<0.46 U	<1.4 U	<0.75 U
Trichloroethene (TCE)	79-01-6	ug/m3	<0.14 U	4.2 D	<0.22 U
Trichlorofluoromethane	75-69-4	ug/m3	1.2 D	<1.8 U	1.8 D
Vinyl Acetate	108-05-4	ug/m3	<0.36 U	<1.1 U	<0.58 U
Vinyl Chloride	75-01-4	ug/m3	<0.13 U	<0.4 U	<0.21 U

Table 7
Off-Site Soil Vapor Sample Analytical Results

335 Bond Street
Brooklyn, New York
NYSDEC BCP Site No.: C224225
Langan Project No.: 170362501

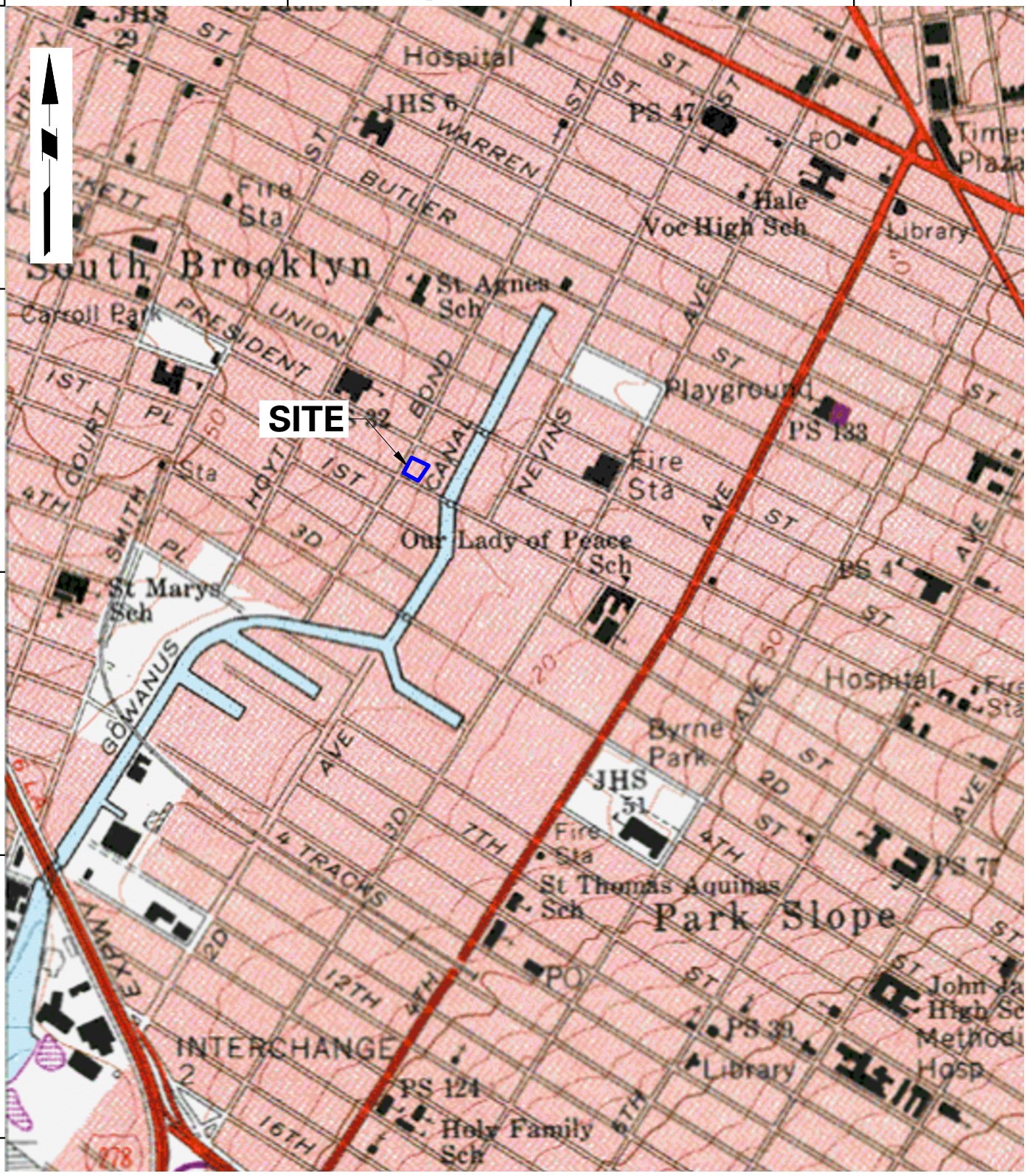
Notes:

AA - Ambient Air
SV - Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Ambient air sample analytical results are shown for reference only.

Qualifiers:

D - The concentration reported is a result of a diluted sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

FIGURES



MAP REFERENCE: USGS 7.5-MINUTE BROOKLYN, N.Y., TOPOGRAPHIC QUADRANGLE, DATED 1967, REVISED 1979

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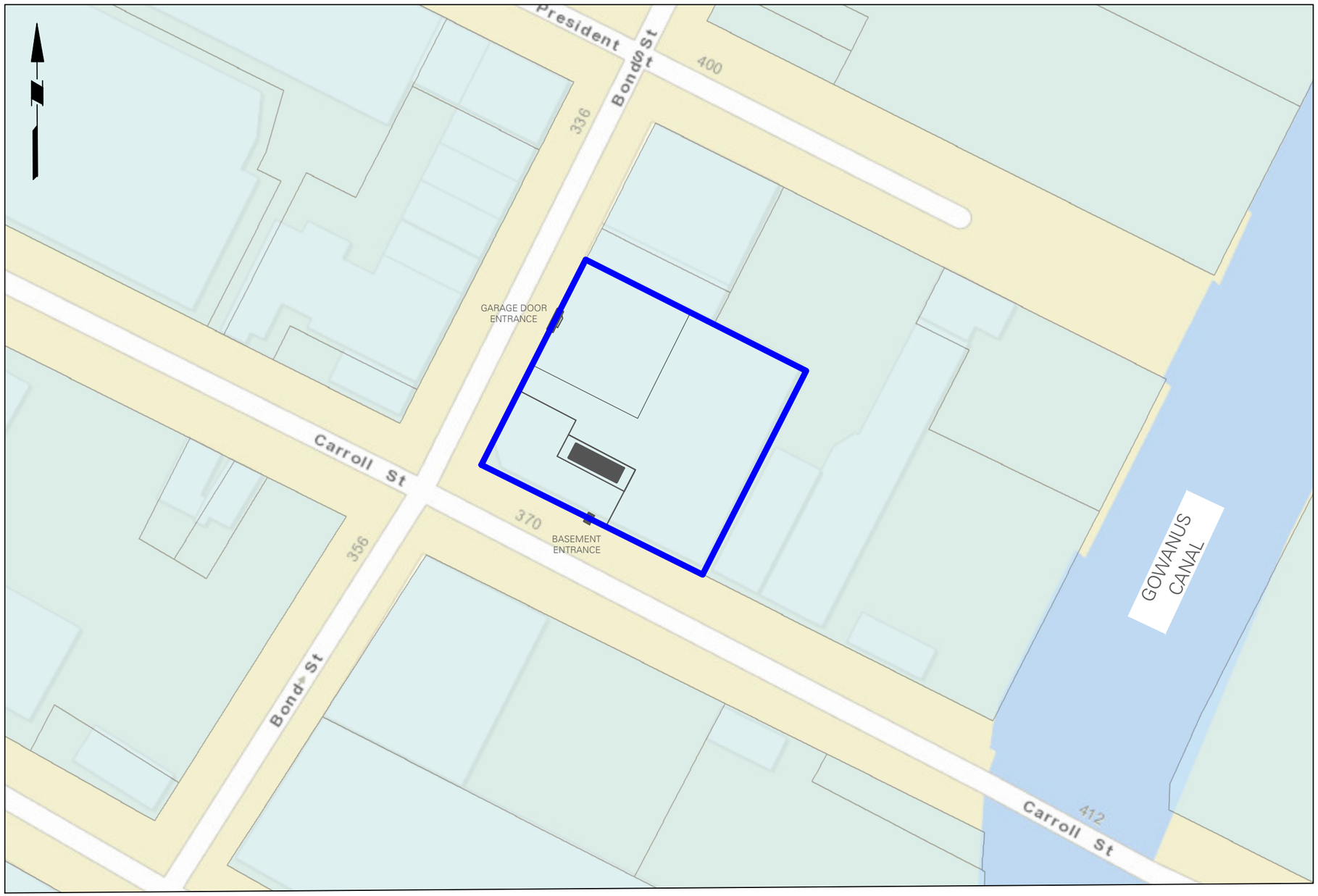
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Project	335 BOND STREET BLOCK No. 445, LOT No. 1 BROOKLYN KINGS NEW YORK
Figure Title	SITE LOCATION MAP
Project No.	170362501
Date	09/13/2019
Scale	NTS
Drawn By	KDC
Checked By	TC
Submission Date	
Figure	1
	Sheet 1 of 11

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Filename: \\langan.com\data\NY\data5\170362501\Cadd Data - 170362501\2D-DesignFiles\BCP App\Figure 1 - Site Location Map.dwg Date: 9/13/2019 Time: 13:20 User: jyanowitz Style Table: Langan.stb Layout: ANSIA-BP



LEGEND:

- SITE BOUNDARY
- INTERIOR WALL STRUCTURES
- ABOVEGROUND STORAGE TANK (AST)

NOTES :

1. STRUCTURAL FEATURES, PROPERTY BOUNDARIES, AND BUILDING LOCATIONS ARE APPROXIMATE.
2. BACKGROUND IMAGE TAKEN FROM NEAR MAP, OCTOBER 2016.

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335 BOND STREET

BLOCK No. 445, LOT No. 1
BROOKLYN

KINGS **NEW YORK**

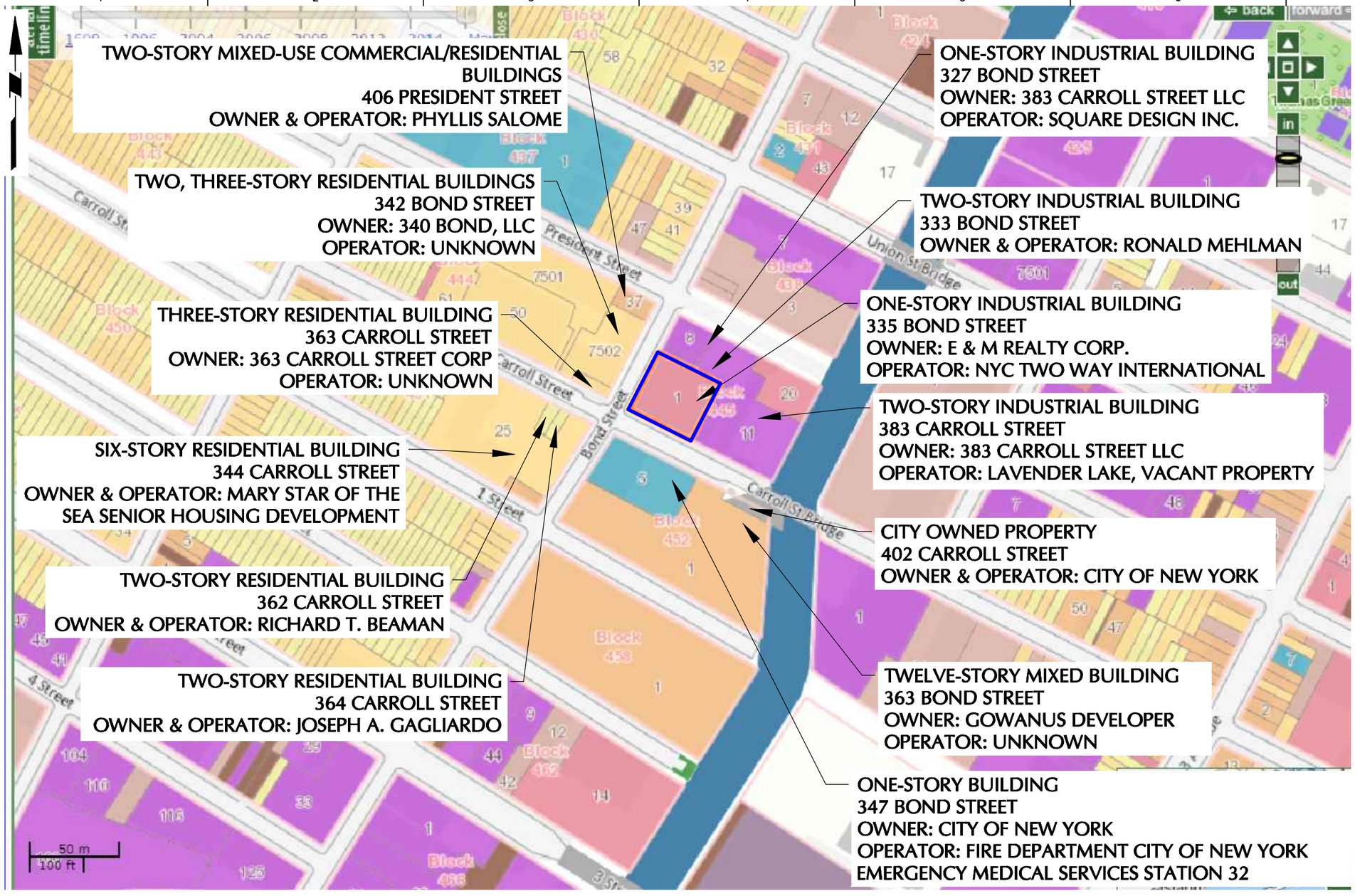
Figure Title

SITE PLAN

Project No. 170362501	Figure No. 2
Date 09/13/2019	
Scale 1" = 50'	
Drawn By KN	
Submission Date	Sheet 2 of 11

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Filename: \\langan.com\data\NY\data5\170362501\Cadd Data - 170362501\2D-DesignFiles\RIR\Figure 1 - Site Plan.dwg Date: 9/13/2019 Time: 13:39 User: jyanowitz Style Table: Langan.stb Layout: ANSIB-BL



LEGEND:

- SITE BOUNDARY
- 1 & 2 FAMILY RESIDENTIAL
- MULTI-FAMILY RESIDENTIAL
- MIXED USE
- OPEN SPACE & OUTDOOR RECREATION
- COMMERCIAL
- INSTITUTIONS
- INDUSTRIAL
- PARKING
- TRANSPORTATION/UTILITIES
- VACANT LOTS

NOTES:

1. BASE MAP TAKEN FROM WWW.OASISNYC.NET/MAP ON MARCH 28, 2017.

200 0 100 200
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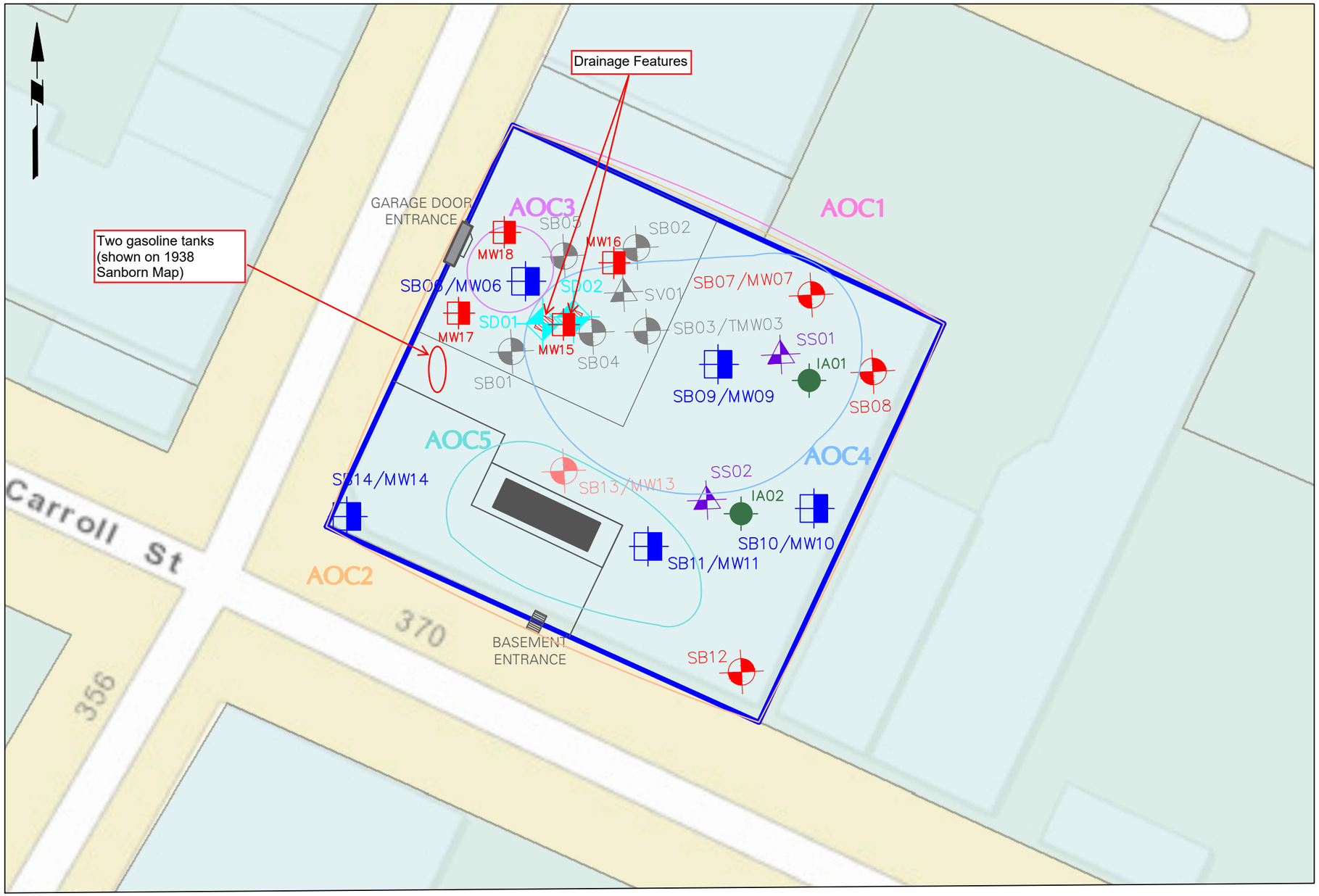
Project
335 BOND STREET
BLOCK No. 445, LOT No. 1
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KINGS NEW YORK

Figure Title
ADJACENT PROPERTY AND SURROUNDING LAND USES MAP

Project No. 170362501	Figure No. 3
Date 09/13/2019	
Scale 1"=200'	
Drawn By KN	
Submission Date	Sheet 3 of 11

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Filename: \\langan.com\data\NY\data5\170362501\Cadd Data - 170362501\2D-DesignFiles\RIR\Figure 3 - Adjacent Property and Surrounding Land Uses.dwg Date: 9/13/2019 Time: 13:44 User: jyanowitz Style Table: Langan.stb Layout: ANSIB-BL



LEGEND:

- SITE BOUNDARY
- ABOVEGROUND STORAGE TANK (AST)
- DRAINAGE FEATURE
- INTERIOR BUILDING WALLS
- SB04 — SOIL BORING L LOCATION
- SB13 — LOCATION OF SOIL BORING LOCATION WHERE REFUSAL WAS ENCOUNTERED AT 2 FEET BELOW GRADE SURFACE IN BOTH THE PARENT AND OFFSET LOCATIONS
- SB06/MW06 — SOIL BORING/ GROUNDWATER MONITORING WELL LOCATION
- SB06/MW06 — SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (SUPPLEMENTAL REMEDIAL INVESTIGATION
- SD01 — SEDIMENT SAMPLE COLLECTION LOCATION
- SV01 — SUB-SLAB VAPOR SAMPLE LOCATION
- IA01 — INDOOR AIR SAMPLE LOCATION
- SB04 — PREVIOUS SOIL BORING/ TEMPORARY GROUNDWATER MONITORING WELL LOCATION FROM MAY 2015 INVESTIGATION
- SV01 — PREVIOUS SOIL VAPOR LOCATION FROM MAY 2015 INVESTIGATION
- AOC1 — AREA OF CONCERN 1: HISTORIC FILL
- AOC2 — AREA OF CONCERN 2: HISTORIC SITE USE
- AOC3 — AREA OF CONCERN 3: POTENTIAL GASOLINE UNDERGROUND STORAGE TANKS
- AOC4 — AREA OF CONCERN 4: DRAINAGE FEATURES
- AOC5 — AREA OF CONCERN 5: INACTIVE ABOVE GROUND STORAGE TANK

NOTES :

1. STRUCTURAL FEATURES, PROPERTY BOUNDARIES, BUILDING AND SAMPLING LOCATIONS ARE APPROXIMATE.
2. BASEMAP PROVIDED BY ESRI, HERE, DELORME, USGS, INTERMAP, INCREMENT P CORP., NRCAN, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), ESRI (THAILAND), TOM TOM, MAPMY INDIA, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY.

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KINGS NEW YORK

Figure Title
REMEDIAL INVESTIGATION AND HISTORICAL SAMPLE LOCATION MAP

Project No. 170362501	Figure No. 4
Date 09/13/2019	
Scale 1"=30'	
Drawn By KN	
Submission Date	Sheet 4 of 11

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Filename: \\langan.com\data\NY\data5\170362501\Cadd Data - 170362501\2D-DesignFiles\RIR\Figure 5 - Sample Location Map.dwg Date: 9/13/2019 Time: 14:11 User: jyanowitz Style Table: Langan.stb Layout: ANSIB-BL



LEGEND

- SITE BOUNDARY
- SB06/MW06 — APPROXIMATE SOIL BORING/MONITORING WELL LOCATION
- APPROXIMATE GROUNDWATER ELEVATION CONTOUR (FEET NAVD88)

30 0 15 30

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Project

335 BOND STREET

BLOCK No. 445, LOT No. 1
BROOKLYN
KINGS **NEW YORK**

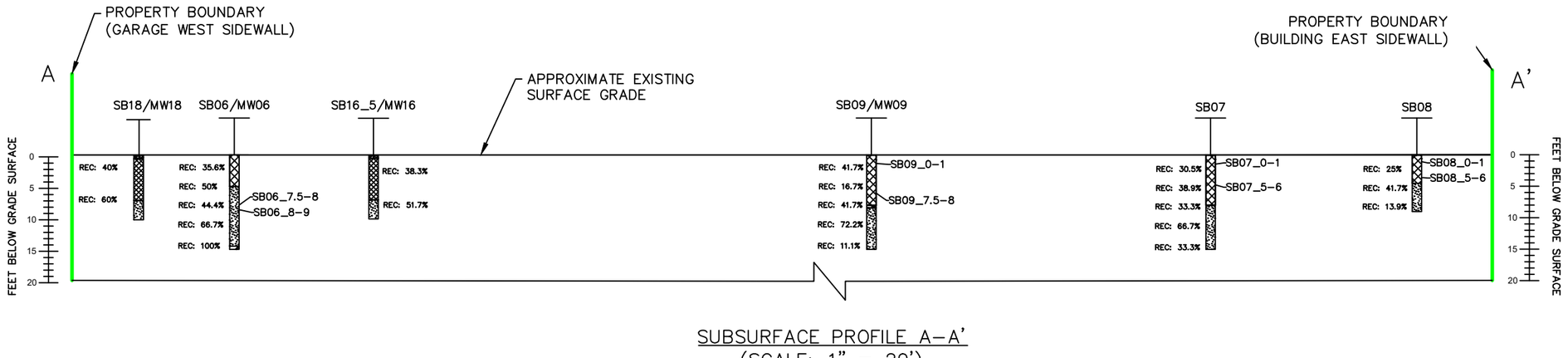
Figure Title

GROUNDWATER CONTOUR MAP

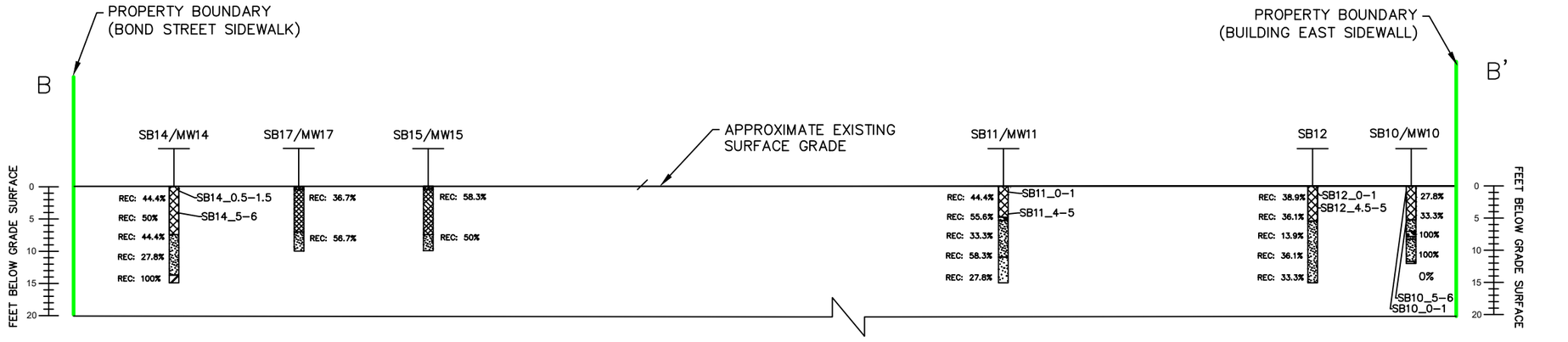
Project No. 170362501	Figure No. 5
Date 09/13/2019	
Scale 1"=30'	
Drawn By KN	
Submission Date	Sheet 5 of 11

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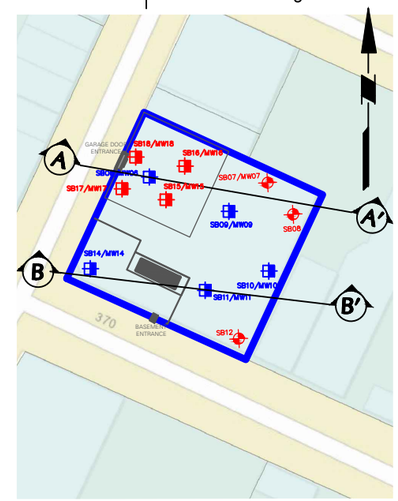
Filename: \\langan.com\data\NY\data5\170362501\Cadd Data - 170362501\2D-DesignFiles\RIR\Figure 6 - Groundwater Contour Map_rev3.dwg Date: 9/13/2019 Time: 14:19 User: jyanowitz Style Table: Langan.stb Layout: ANSIB-BL (1)



SUBSURFACE PROFILE A–A'
(SCALE: 1" = 20')



SUBSURFACE PROFILE B–B'
(SCALE: 1" = 20')

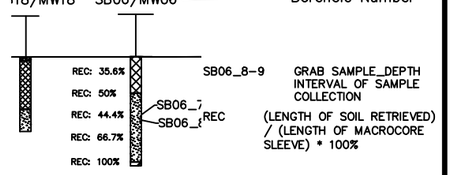


KEY MAP
(SCALE: 1" = 100')

LEGEND:

- SITE BOUNDARY
- INTERIOR BUILDING WALLS
- SB12 — SOIL BORING - MARCH 2017 RI
- SB06/MW06 — SOIL BORING/GROUNDWATER MONITORING WELL - MARCH 2017 RI
- SB15/MW15 — SOIL BORING/GROUNDWATER MONITORING WELL - JULY 2018 SUPPLEMENTAL RI
- HISTORIC FILL MATERIAL
- GRANULAR SOILS
- NATIVE CLAY MATERIAL

BORING KEY DIAGRAM AND NOTES



20 0 10 20
SCALE IN FEET

NOTES:

1. SAMPLE AND BORING LOCATIONS, PROPERTY BOUNDARIES, STRUCTURAL FEATURES AND BUILDING LOCATIONS ARE APPROXIMATE.
2. BASEMAP PROVIDED BY ESRI, HERE, DELORME, USGS, INTERMAP, INCREMENT P CORP, NRCAN, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), ERSI (THAILAND), TOM TOM, MAPMY INDIA, OPENSTREETMAP CONTRIBUTIONS, AND GIS USER COMMUNITY.
3. SUBSURFACE LITHOLOGY INTERPRETED FROM RECOVERED SOIL SAMPLES. REFER TO BORING LOGS (APPENDIX D) FOR ADDITIONAL INFORMATION.
4. MACROCORE SLEEVES ARE 3 FEET LONG.
5. BOREHOLES ARE HORIZONTALLY EXAGGERATED.
6. THIS PROFILE REPRESENTS A GENERAL SOIL CROSS SECTION INTERPRETED FROM WIDELY SPACED BORING. SOIL AND GROUNDWATER MAY VARY IN TYPE, LOCATION, ELEVATION, AND ENVIRONMENTAL AND ENGINEERING PROPERTIES BETWEEN POINTS OF EXPLORATION. VARIATIONS IN SUBSURFACE CONDITIONS SHOULD BE EXPECTED BETWEEN BORINGS.

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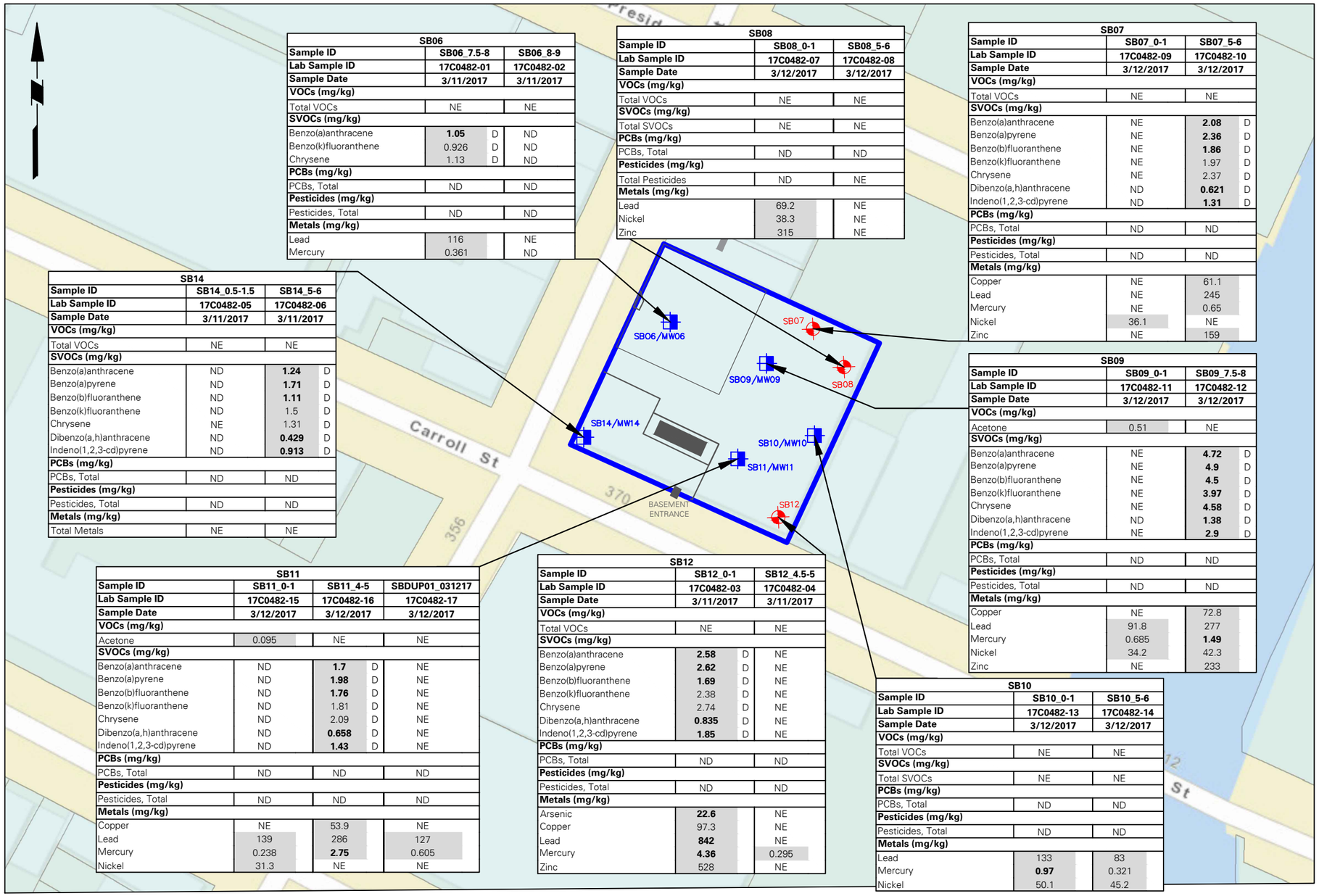
Project
335 BOND STREET
BLOCK No. 445, LOT No. 1
BROOKLYN
KINGS **NEW YORK**

Figure Title
SUBSURFACE PROFILES

Project No. 170362501	Figure No. 6
Date 09/13/2019	
Scale 1"=20'	
Drawn By KN/KT / Checked By TC	
Submission Date	Sheet 6 of 11

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Filename: \\langan.com\data\NY\data5\170362501\Cadd Data - 170362501\2D-DesignFiles\RIR\Figure 7 - Subsurface Profiles.dwg Date: 9/13/2019 Time: 14:31 User: jyanowitz Style Table: Langan.stb Layout: Figure 6



SB06				
Sample ID	**SB06_7.5-8**		**SB06_8-9**	
Lab Sample ID	**17C0482-01**		**17C0482-02**	
Sample Date	**3/11/2017**		**3/11/2017**	
VOCs (mg/kg)				
Total VOCs	NE		NE	
SVOCs (mg/kg)				
Benzo(a)anthracene	**1.05**	D	ND	
Benzo(k)fluoranthene	0.926	D	ND	
Chrysene	1.13	D	ND	
PCBs (mg/kg)				
PCBs, Total	ND		ND	
Pesticides (mg/kg)				
Pesticides, Total	ND		ND	
Metals (mg/kg)				
Lead	116		NE	
Mercury	0.361		ND	

SB08		
Sample ID	**SB08_0-1**	**SB08_5-6**
Lab Sample ID	**17C0482-07**	**17C0482-08**
Sample Date	**3/12/2017**	**3/12/2017**
VOCs (mg/kg)		
Total VOCs	NE	NE
SVOCs (mg/kg)		
Total SVOCs	NE	NE
PCBs (mg/kg)		
PCBs, Total	ND	ND
Pesticides (mg/kg)		
Total Pesticides	ND	NE
Metals (mg/kg)		
Lead	69.2	NE
Nickel	38.3	NE
Zinc	315	NE

SB07				
Sample ID	**SB07_0-1**		**SB07_5-6**	
Lab Sample ID	**17C0482-09**		**17C0482-10**	
Sample Date	**3/12/2017**		**3/12/2017**	
VOCs (mg/kg)				
Total VOCs	NE		NE	
SVOCs (mg/kg)				
Benzo(a)anthracene	NE		**2.08**	D
Benzo(a)pyrene	NE		**2.36**	D
Benzo(b)fluoranthene	NE		**1.86**	D
Benzo(k)fluoranthene	NE		1.97	D
Chrysene	NE		2.37	D
Dibenzo(a,h)anthracene	ND		**0.621**	D
Indeno(1,2,3-cd)pyrene	ND		**1.31**	D
PCBs (mg/kg)				
PCBs, Total	ND		ND	
Pesticides (mg/kg)				
Pesticides, Total	ND		ND	
Metals (mg/kg)				
Copper	NE		61.1	
Lead	NE		245	
Mercury	NE		0.65	
Nickel	36.1		NE	
Zinc	NE		159	

SB14			
Sample ID	**SB14_0.5-1.5**	**SB14_5-6**	
Lab Sample ID	**17C0482-05**	**17C0482-06**	
Sample Date	**3/11/2017**	**3/11/2017**	
VOCs (mg/kg)			
Total VOCs	NE	NE	
SVOCs (mg/kg)			
Benzo(a)anthracene	ND	**1.24**	D
Benzo(a)pyrene	ND	**1.71**	D
Benzo(b)fluoranthene	ND	**1.11**	D
Benzo(k)fluoranthene	ND	1.5	D
Chrysene	NE	1.31	D
Dibenzo(a,h)anthracene	ND	**0.429**	D
Indeno(1,2,3-cd)pyrene	ND	**0.913**	D
PCBs (mg/kg)			
PCBs, Total	ND	ND	
Pesticides (mg/kg)			
Pesticides, Total	ND	ND	
Metals (mg/kg)			
Total Metals	NE	NE	

SB09				
Sample ID	**SB09_0-1**		**SB09_7.5-8**	
Lab Sample ID	**17C0482-11**		**17C0482-12**	
Sample Date	**3/12/2017**		**3/12/2017**	
VOCs (mg/kg)				
Acetone	0.51		NE	
SVOCs (mg/kg)				
Benzo(a)anthracene	NE		**4.72**	D
Benzo(a)pyrene	NE		**4.9**	D
Benzo(b)fluoranthene	NE		**4.5**	D
Benzo(k)fluoranthene	NE		**3.97**	D
Chrysene	NE		**4.58**	D
Dibenzo(a,h)anthracene	ND		**1.38**	D
Indeno(1,2,3-cd)pyrene	NE		**2.9**	D
PCBs (mg/kg)				
PCBs, Total	ND		ND	
Pesticides (mg/kg)				
Pesticides, Total	ND		ND	
Metals (mg/kg)				
Copper	NE		72.8	
Lead	91.8		277	
Mercury	0.685		**1.49**	
Nickel	34.2		42.3	
Zinc	NE		233	

SB11					
Sample ID	**SB11_0-1**		**SB11_4-5**		**SBDUP01_031217**
Lab Sample ID	**17C0482-15**		**17C0482-16**		**17C0482-17**
Sample Date	**3/12/2017**		**3/12/2017**		**3/12/2017**
VOCs (mg/kg)					
Acetone	0.095		NE		NE
SVOCs (mg/kg)					
Benzo(a)anthracene	ND		**1.7**	D	NE
Benzo(a)pyrene	ND		**1.98**	D	NE
Benzo(b)fluoranthene	ND		**1.76**	D	NE
Benzo(k)fluoranthene	ND		1.81	D	NE
Chrysene	ND		2.09	D	NE
Dibenzo(a,h)anthracene	ND		**0.658**	D	NE
Indeno(1,2,3-cd)pyrene	ND		**1.43**	D	NE
PCBs (mg/kg)					
PCBs, Total	ND		ND		ND
Pesticides (mg/kg)					
Pesticides, Total	ND		ND		ND
Metals (mg/kg)					
Copper	NE		53.9		NE
Lead	139		286		127
Mercury	0.238		**2.75**		0.605
Nickel	31.3		NE		NE

SB12			
Sample ID	**SB12_0-1**		**SB12_4.5-5**
Lab Sample ID	**17C0482-03**		**17C0482-04**
Sample Date	**3/11/2017**		**3/11/2017**
VOCs (mg/kg)			
Total VOCs	NE		NE
SVOCs (mg/kg)			
Benzo(a)anthracene	**2.58**	D	NE
Benzo(a)pyrene	**2.62**	D	NE
Benzo(b)fluoranthene	**1.69**	D	NE
Benzo(k)fluoranthene	2.38	D	NE
Chrysene	2.74	D	NE
Dibenzo(a,h)anthracene	**0.835**	D	NE
Indeno(1,2,3-cd)pyrene	**1.85**	D	NE
PCBs (mg/kg)			
PCBs, Total	ND		ND
Pesticides (mg/kg)			
Pesticides, Total	ND		ND
Metals (mg/kg)			
Arsenic	**22.6**		NE
Copper	97.3		NE
Lead	**842**		NE
Mercury	**4.36**		0.295
Zinc	528		NE

SB10		
Sample ID	**SB10_0-1**	**SB10_5-6**
Lab Sample ID	**17C0482-13**	**17C0482-14**
Sample Date	**3/12/2017**	**3/12/2017**
VOCs (mg/kg)		
Total VOCs	NE	NE
SVOCs (mg/kg)		
Total SVOCs	NE	NE
PCBs (mg/kg)		
PCBs, Total	ND	ND
Pesticides (mg/kg)		
Pesticides, Total	ND	ND
Metals (mg/kg)		
Lead	133	83
Mercury	**0.97**	0.321
Nickel	50.1	45.2

LEGEND:

- SITE BOUNDARY
- INTERIOR BUILDING WALLS
- ABOVEGROUND STORAGE TANK (AST)
- SB04 — SOIL BORING L LOCATION
- SB06/MW06 — SOIL BORING/ GROUNDWATER MONITORING WELL LOCATION

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted Residential Use SCOs
VOCs (mg/kg)		
Acetone	0.05	100
SVOCs (mg/kg)		
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(k)fluoranthene	0.8	3.9
Chrysene	1	3.9
Dibenzo(a,h)anthracene	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.5	0.5
PCBs (mg/kg)		
Total PCBs	0.1	1
Metals (mg/kg)		
Arsenic	13	16
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Nickel	30	310
Zinc	109	10000

NOTES :

1. STRUCTURAL FEATURES, SAMPLE LOCATIONS, PROPERTY BOUNDARIES, AND BUILDING LOCATIONS ARE APPROXIMATE.
2. BASEMAP PROVIDED BY ESRI, HERE, DELORME, USGS, INTERMAP, INCREMENT P CORP., NRCAN, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), ESRI (THAILAND), TOM TOM, MAPMY INDIA, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY.
3. SOIL ANALYTICAL RESULTS ARE COMPARED TO NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) 6 NEW YORK CODES, RULES AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE AND RESTRICTED USE RESTRICTED RESIDENTIAL USE SOIL CLEANUP OBJECTIVES (SCOs).
4. ONLY EXCEEDANCES ARE SHOWN.
5. CONCENTRATIONS ABOVE UNRESTRICTED USE SCOs ARE SHADED.
6. CONCENTRATIONS ABOVE RESTRICTED USE RESTRICTED RESIDENTIAL USE SCOs ARE SHADED AND BOLD.
7. NYSDEC PART 375 SCOs ARE PRESENTED IN THE TABLE ABOVE
8. MG/KG = MILIGRAMS PER KILOGRAM
9. VOC = VOLATILE ORGANIC COMPOUND
10. SVOC = SEMIVOLATILE ORGANIC COMPOUND
11. PCBS = POLYCHLORINATED BIPHENYLS
12. SBDUP01_031717 IS A DUPLICATE OF PARENT SAMPLE SB11_4-5.
13. ND = NOT DETECTED
14. NE = NO EXCEEDANCE
15. D = RESULT IS FROM AN ANALYSIS THAT REQUIRED A DILUTION.

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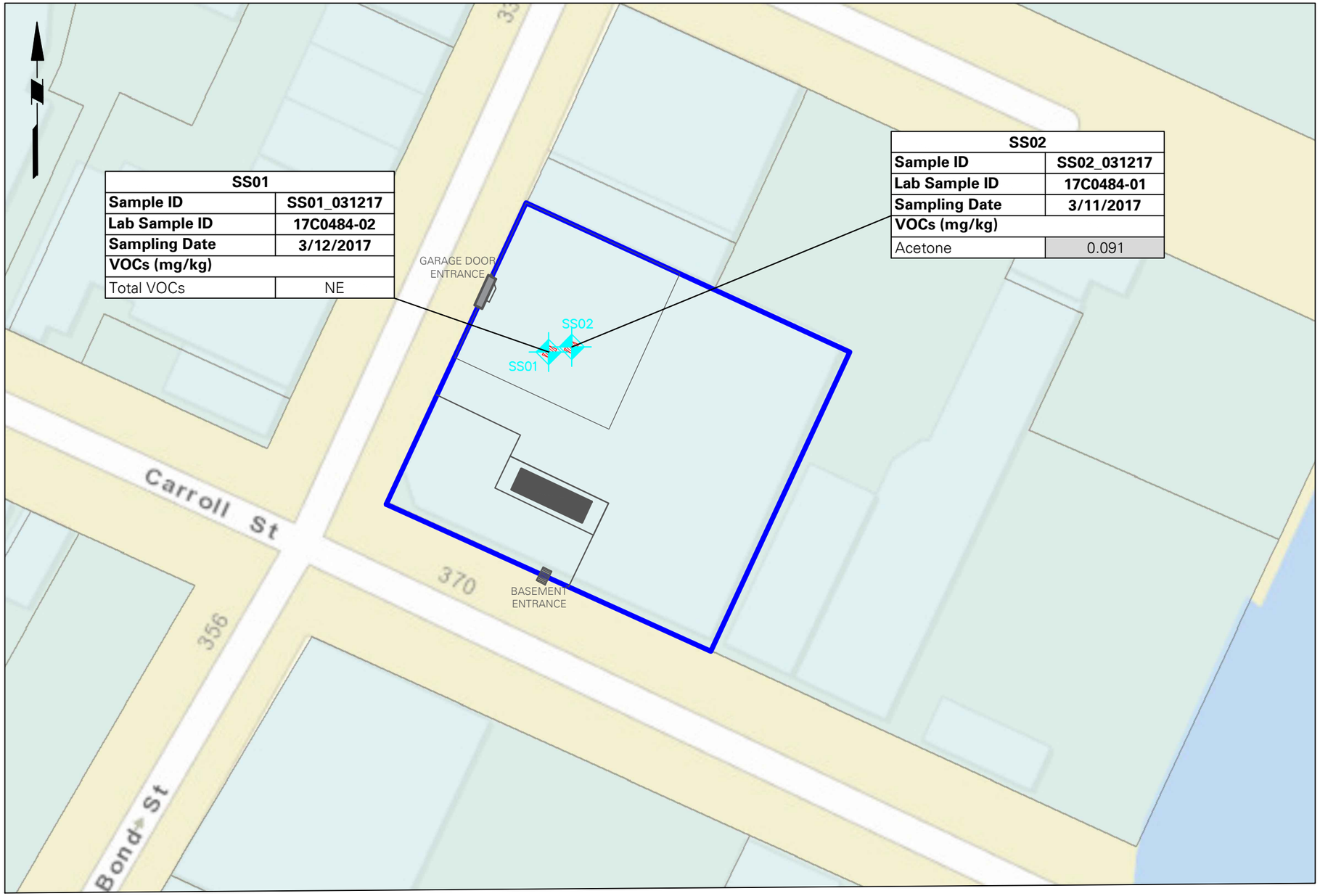
Figure Title
SOIL ANALYTICAL RESULTS MAP

Project No. 170362501
Date 09/13/2019
Scale 1" = 60'
Drawn By KN
Submission Date

Figure No. 7
Sheet 7 of 11

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LEGEND:

- SITE BOUNDARY
- INTERIOR BUILDING WALLS
- ABOVEGROUND STORAGE TANK (AST)
- DRAINAGE FEATURE
- SEDIMENT SAMPLE COLLECTION LOCATION (SS01)

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted Residential SCOs
VOCs (mg/kg)		
Acetone	0.05	100

NOTES :

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3. SEDIMENT SAMPLE LOCATIONS ARE APPROXIMATE.
4. SEDIMENT SAMPLE ANALYTICAL RESULTS ARE COMPARED TO NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 NEW YORK CODES, RULES AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE AND RESTRICTED USE RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVES (SCOs).
5. ONLY EXCEEDANCES ARE SHOWN.
6. CONCENTRATIONS ABOVE UNRESTRICTED USE SCOS ARE SHADED.
7. NYSDEC PART 375 SCOs ARE PRESENTED IN THE TABLE ABOVE.
8. MG/KG = MILIGRAMS PER KILOGRAM
9. VOC = VOLATILE ORGANIC COMPOUND
10. NE = NO EXCEEDANCE

40 0 20 40
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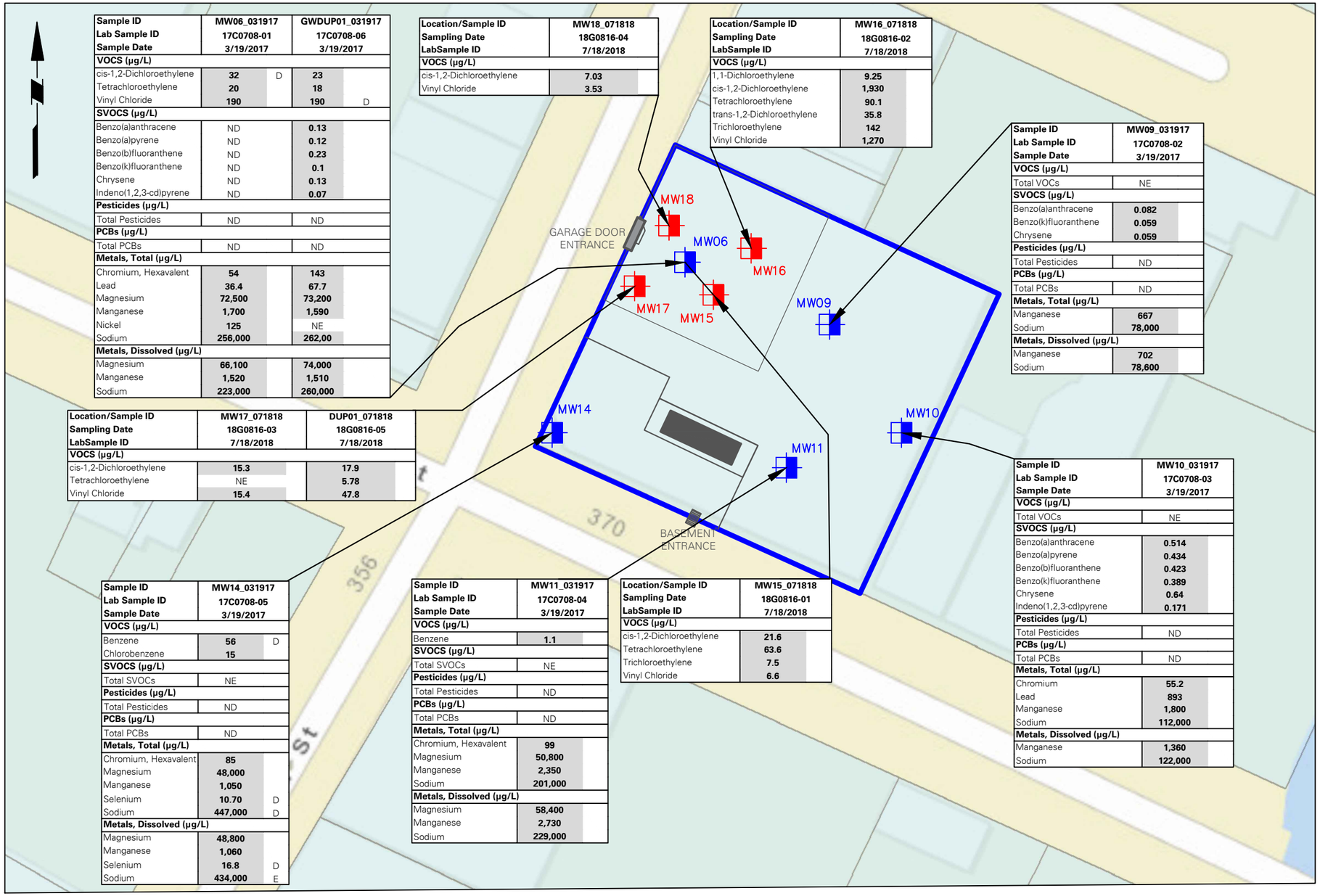
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Figure Title
SEDIMENT ANALYTICAL RESULTS MAP

Project No. 170362501	Figure No. 8
Date 09/13/2019	
Scale 1"=40'	
Drawn By KN	
Submission Date	Sheet 8 of 11

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Sample ID	MW06_031917		GWDUP01_031917	
Lab Sample ID	17C0708-01		17C0708-06	
Sample Date	3/19/2017		3/19/2017	
VOCS (µg/L)				
cis-1,2-Dichloroethylene	**32**	D	**23**	
Tetrachloroethylene	**20**		**18**	
Vinyl Chloride	**190**		**190**	D
SVOCS (µg/L)				
Benzo(a)anthracene	ND		**0.13**	
Benzo(a)pyrene	ND		**0.12**	
Benzo(b)fluoranthene	ND		**0.23**	
Benzo(k)fluoranthene	ND		**0.1**	
Chrysene	ND		**0.13**	
Indeno(1,2,3-cd)pyrene	ND		**0.07**	
Pesticides (µg/L)				
Total Pesticides	ND		ND	
PCBs (µg/L)				
Total PCBs	ND		ND	
Metals, Total (µg/L)				
Chromium, Hexavalent	**54**		**143**	
Lead	**36.4**		**67.7**	
Magnesium	**72,500**		**73,200**	
Manganese	**1,700**		**1,590**	
Nickel	**125**		NE	
Sodium	**256,000**		**262,00**	
Metals, Dissolved (µg/L)				
Magnesium	**66,100**		**74,000**	
Manganese	**1,520**		**1,510**	
Sodium	**223,000**		**260,000**	

Location/Sample ID	MW18_071818
Sampling Date	18G0816-04
LabSample ID	7/18/2018
VOCS (µg/L)	
cis-1,2-Dichloroethylene	**7.03**
Vinyl Chloride	**3.53**

Location/Sample ID	MW16_071818
Sampling Date	18G0816-02
LabSample ID	7/18/2018
VOCS (µg/L)	
1,1-Dichloroethylene	**9.25**
cis-1,2-Dichloroethylene	**1,930**
Tetrachloroethylene	**90.1**
trans-1,2-Dichloroethylene	**35.8**
Trichloroethylene	**142**
Vinyl Chloride	**1,270**

Sample ID	MW09_031917
Lab Sample ID	17C0708-02
Sample Date	3/19/2017
VOCS (µg/L)	
Total VOCs	NE
SVOCS (µg/L)	
Benzo(a)anthracene	**0.082**
Benzo(k)fluoranthene	**0.059**
Chrysene	**0.059**
Pesticides (µg/L)	
Total Pesticides	ND
PCBs (µg/L)	
Total PCBs	ND
Metals, Total (µg/L)	
Manganese	**667**
Sodium	**78,000**
Metals, Dissolved (µg/L)	
Manganese	**702**
Sodium	**78,600**

Location/Sample ID	MW17_071818	DUP01_071818
Sampling Date	18G0816-03	18G0816-05
LabSample ID	7/18/2018	7/18/2018
VOCS (µg/L)		
cis-1,2-Dichloroethylene	**15.3**	**17.9**
Tetrachloroethylene	NE	**5.78**
Vinyl Chloride	**15.4**	**47.8**

Sample ID	MW10_031917
Lab Sample ID	17C0708-03
Sample Date	3/19/2017
VOCS (µg/L)	
Total VOCs	NE
SVOCS (µg/L)	
Benzo(a)anthracene	**0.514**
Benzo(a)pyrene	**0.434**
Benzo(b)fluoranthene	**0.423**
Benzo(k)fluoranthene	**0.389**
Chrysene	**0.64**
Indeno(1,2,3-cd)pyrene	**0.171**
Pesticides (µg/L)	
Total Pesticides	ND
PCBs (µg/L)	
Total PCBs	ND
Metals, Total (µg/L)	
Chromium	**55.2**
Lead	**893**
Manganese	**1,800**
Sodium	**112,000**
Metals, Dissolved (µg/L)	
Manganese	**1,360**
Sodium	**122,000**

Sample ID	MW14_031917	
Lab Sample ID	17C0708-05	
Sample Date	3/19/2017	
VOCS (µg/L)		
Benzene	**56**	D
Chlorobenzene	**15**	
SVOCS (µg/L)		
Total SVOCs	NE	
Pesticides (µg/L)		
Total Pesticides	ND	
PCBs (µg/L)		
Total PCBs	ND	
Metals, Total (µg/L)		
Chromium, Hexavalent	**85**	
Magnesium	**48,000**	
Manganese	**1,050**	
Selenium	**10.70**	D
Sodium	**447,000**	D
Metals, Dissolved (µg/L)		
Magnesium	**48,800**	
Manganese	**1,060**	
Selenium	**16.8**	D
Sodium	**434,000**	E

Sample ID	MW11_031917
Lab Sample ID	17C0708-04
Sample Date	3/19/2017
VOCS (µg/L)	
Benzene	**1.1**
SVOCS (µg/L)	
Total SVOCs	NE
Pesticides (µg/L)	
Total Pesticides	ND
PCBs (µg/L)	
Total PCBs	ND
Metals, Total (µg/L)	
Chromium, Hexavalent	**99**
Magnesium	**50,800**
Manganese	**2,350**
Sodium	**201,000**
Metals, Dissolved (µg/L)	
Magnesium	**58,400**
Manganese	**2,730**
Sodium	**229,000**

Location/Sample ID	MW15_071818
Sampling Date	18G0816-01
LabSample ID	7/18/2018
VOCS (µg/L)	
cis-1,2-Dichloroethylene	**21.6**
Tetrachloroethylene	**63.6**
Trichloroethylene	**7.5**
Vinyl Chloride	**6.6**

40 0 20 40

SCALE IN FEET

LEGEND:

- SITE BOUNDARY
- INTERIOR BUILDING WALLS
- ABOVEGROUND STORAGE TANK (AST)
- MW06 — GROUNDWATER MONITORING WELL LOCATION
- MW15 — GROUNDWATER MONITORING WELL (SUPPLEMENTAL RI)

Analyte	NYSDEC TOGS SGVs
VOCS (µg/L)	
1,1-Dichloroethylene	5
Benzene	1
Chlorobenzene	5
cis-1,2-Dichloroethylene	5
Tetrachloroethylene	5
trans-1,2-Dichloroethylene	5
Trichloroethylene	5
Vinyl Chloride	2
SVOCS (µg/L)	
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0.002
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Pesticides (µg/L)	
Total Pesticides	--
PCBs (µg/L)	
Total PCBs	0.09
Metals (µg/L)	
Chromium, hexavalent	50
Chromium, total	50
Lead	25
Magnesium	35,000
Manganese	300
Nickel	100
Selenium	10
Sodium	20,000

NOTES :

1. STRUCTURAL FEATURES, SAMPLE LOCATIONS, PROPERTY BOUNDARIES, AND BUILDING LOCATIONS ARE APPROXIMATE.
2. BASEMAP PROVIDED BY ESRI, HERE, DELORME, USGS, INTERMAP, INCREMENT P CORP., NRCAN, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), ESRI (THAILAND), TOM TOM, MAPMY INDIA, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY.
3. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES (SGVs) FOR DRINKING WATER (CLASS GA).
4. ONLY EXCEEDANCES ARE SHOWN.
5. MONITORING WELLS MW15, MW16, MW17, AND MW18 WERE SAMPLED FOR VOCS, ONLY.
6. CONCENTRATION DETECTED ABOVE NYSDEC TOGS SGVS ARE HIGHLIGHTED AND BOLD.
7. GWDUP01_031917 IS A DUPLICATE OF PARENT SAMPLE MW06_031917.
8. DUP01_071818 IS A DUPLICATE OF PARENT SAMPLE MW17_071818.
9. VOC = VOLATILE ORGANIC COMPOUND
10. SVOC = SEMIVOLATILE ORGANIC COMPOUND
11. PCB = POLYCHLORINATED BIPHENYL
12. µG/L = MICROGRAM PER LITER
13. NE = NO EXCEEDANCE
14. ND = NOT DETECTED
15. D = RESULTS IS FROM AN ANALYSIS THAT REQUIRED DILUTION
16. E = RESULT IS ESTIMATED AND CANNOT BE ACCURATELY REPORTED DUE TO LEVELS ENCOUNTERED OR INTERFERENCES

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Langan Engineering and Environmental Services, Inc.
Langan International LLC

Collectively known as Langan

Project

335 BOND STREET

BLOCK No. 445, LOT No. 1
BROOKLYN

KINGS **NEW YORK**

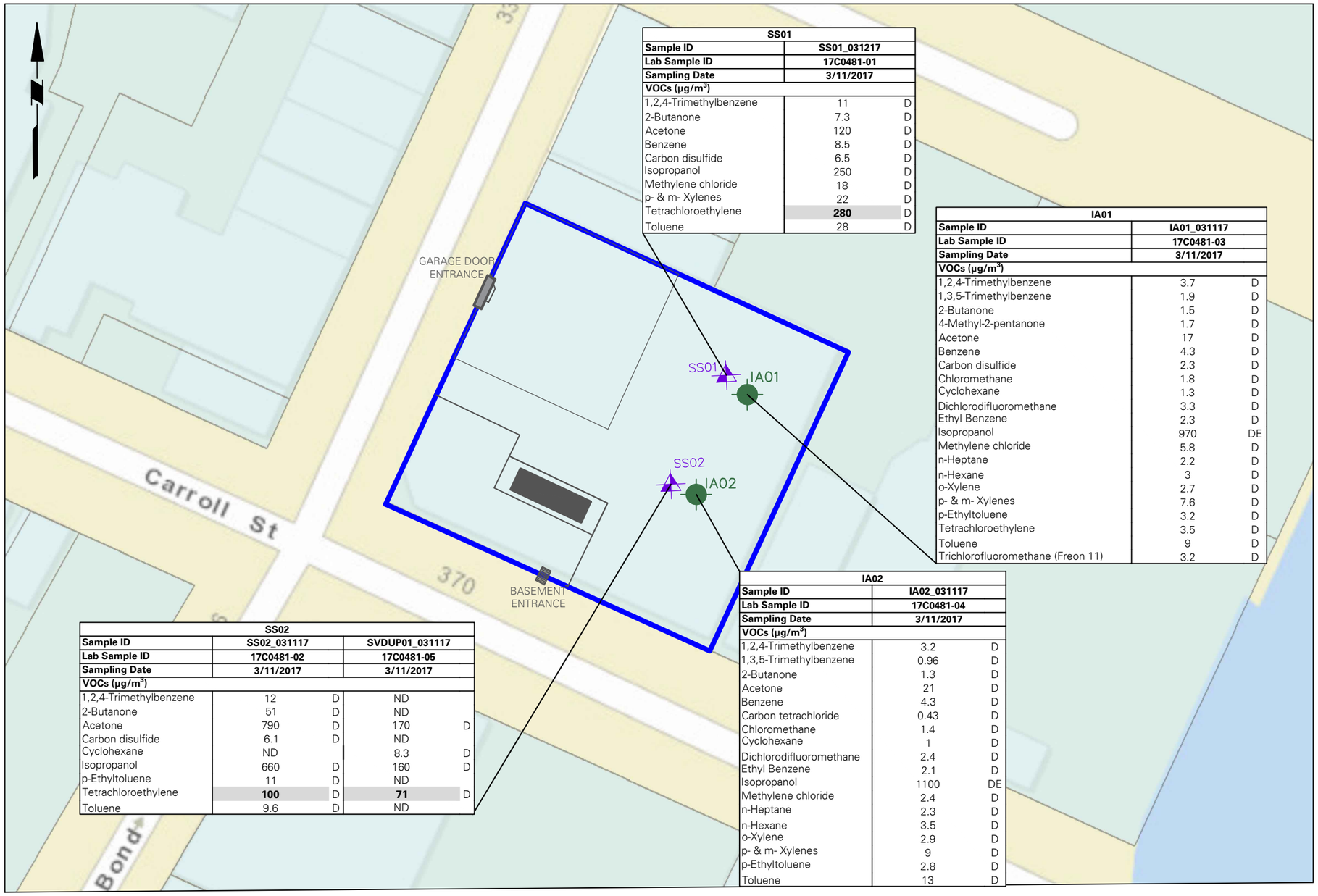
Figure Title

GROUNDWATER ANALYTICAL RESULTS MAP

Project No. 170362501	Figure No. 9
Date 09/13/2019	
Scale 1"=40'	
Drawn By KT	
Submission Date	Sheet 9 of 11

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Filename: \\langan.com\data\NY\data5\170362501\Cadd Data - 170362501\2D-DesignFiles\RIR\Figure 10 - Groundwater Analytical Results Summary Map_recover.dwg Date: 9/13/2019 Time: 14:56 User: jyanowitz Style Table: Langan.stb Layout: ANSIB-BL



SS01		
Sample ID	**SS01_031217**	
Lab Sample ID	**17C0481-01**	
Sampling Date	**3/11/2017**	
VOCs (µg/m³)		
1,2,4-Trimethylbenzene	11	D
2-Butanone	7.3	D
Acetone	120	D
Benzene	8.5	D
Carbon disulfide	6.5	D
Isopropanol	250	D
Methylene chloride	18	D
p- & m- Xylenes	22	D
Tetrachloroethylene	**280**	D
Toluene	28	D

IA01		
Sample ID	**IA01_031117**	
Lab Sample ID	**17C0481-03**	
Sampling Date	**3/11/2017**	
VOCs (µg/m³)		
1,2,4-Trimethylbenzene	3.7	D
1,3,5-Trimethylbenzene	1.9	D
2-Butanone	1.5	D
4-Methyl-2-pentanone	1.7	D
Acetone	17	D
Benzene	4.3	D
Carbon disulfide	2.3	D
Chloromethane	1.8	D
Cyclohexane	1.3	D
Dichlorodifluoromethane	3.3	D
Ethyl Benzene	2.3	D
Isopropanol	970	DE
Methylene chloride	5.8	D
n-Heptane	2.2	D
n-Hexane	3	D
o-Xylene	2.7	D
p- & m- Xylenes	7.6	D
p-Ethyltoluene	3.2	D
Tetrachloroethylene	3.5	D
Toluene	9	D
Trichlorofluoromethane (Freon 11)	3.2	D

IA02		
Sample ID	**IA02_031117**	
Lab Sample ID	**17C0481-04**	
Sampling Date	**3/11/2017**	
VOCs (µg/m³)		
1,2,4-Trimethylbenzene	3.2	D
1,3,5-Trimethylbenzene	0.96	D
2-Butanone	1.3	D
Acetone	21	D
Benzene	4.3	D
Carbon tetrachloride	0.43	D
Chloromethane	1.4	D
Cyclohexane	1	D
Dichlorodifluoromethane	2.4	D
Ethyl Benzene	2.1	D
Isopropanol	1100	DE
Methylene chloride	2.4	D
n-Heptane	2.3	D
n-Hexane	3.5	D
o-Xylene	2.9	D
p- & m- Xylenes	9	D
p-Ethyltoluene	2.8	D
Toluene	13	D

SS02				
Sample ID	**SS02_031117**		**SVDUP01_031117**	
Lab Sample ID	**17C0481-02**		**17C0481-05**	
Sampling Date	**3/11/2017**		**3/11/2017**	
VOCs (µg/m³)				
1,2,4-Trimethylbenzene	12	D	ND	
2-Butanone	51	D	ND	
Acetone	790	D	170	D
Carbon disulfide	6.1	D	ND	
Cyclohexane	ND		8.3	D
Isopropanol	660	D	160	D
p-Ethyltoluene	11	D	ND	
Tetrachloroethylene	**100**	D	**71**	D
Toluene	9.6	D	ND	

LEGEND:

- SITE BOUNDARY
- INTERIOR BUILDING WALLS
- ABOVEGROUND STORAGE TANK (AST)
- SS01 — SUB-SLAB VAPOR SAMPLE LOCATION
- IA01 — INDOOR AIR SAMPLE LOCATION

Analyte	NYSDOH AGVS
VOCS (µg/m³)	
Methylene Chloride	60
Tetrachloroethylene	30

NOTES :

1. SAMPLE LOCATIONS, DATA, PROPERTY BOUNDARIES, AND BUILDING LOCATIONS ARE APPROXIMATE.
2. BASEMAP PROVIDED BY ESRI, HERE, DELORME, USGS, INTERMAP, INCREMENT P CORP., NRCAN, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), ESRI (THAILAND), TOM TOM, MAPMY INDIA, © OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY.
3. SAMPLE SVDUP01 IS A DUPLICATE OF THE PARENT SAMPLE SS01_031117.
4. ONLY DETECTIONS ARE SHOWN.
5. EXCEEDANCES OF THE NYSDOH AGVS ARE SHADED AND BOLD.
6. VOCS= VOLATILE ORGANIC COMPOUNDS.
7. µG/M3 = MICROGRAMS PER CUBIC METER.
8. ND = NOT DETECTED.
9. D = RESULT FROM A SAMPLE THAT REQUIRED DILUTION
10. E = RESULT IS ESTIMATED AND CANNOT BE ACCURATELY REPORTED DUE TO LEVELS ENCOUNTERED OR INTERFERENCES
11. AGV = AIR GUIDANCE VALUE

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Figure Title
SUB-SLAB AND INDOOR AIR RESULTS MAP

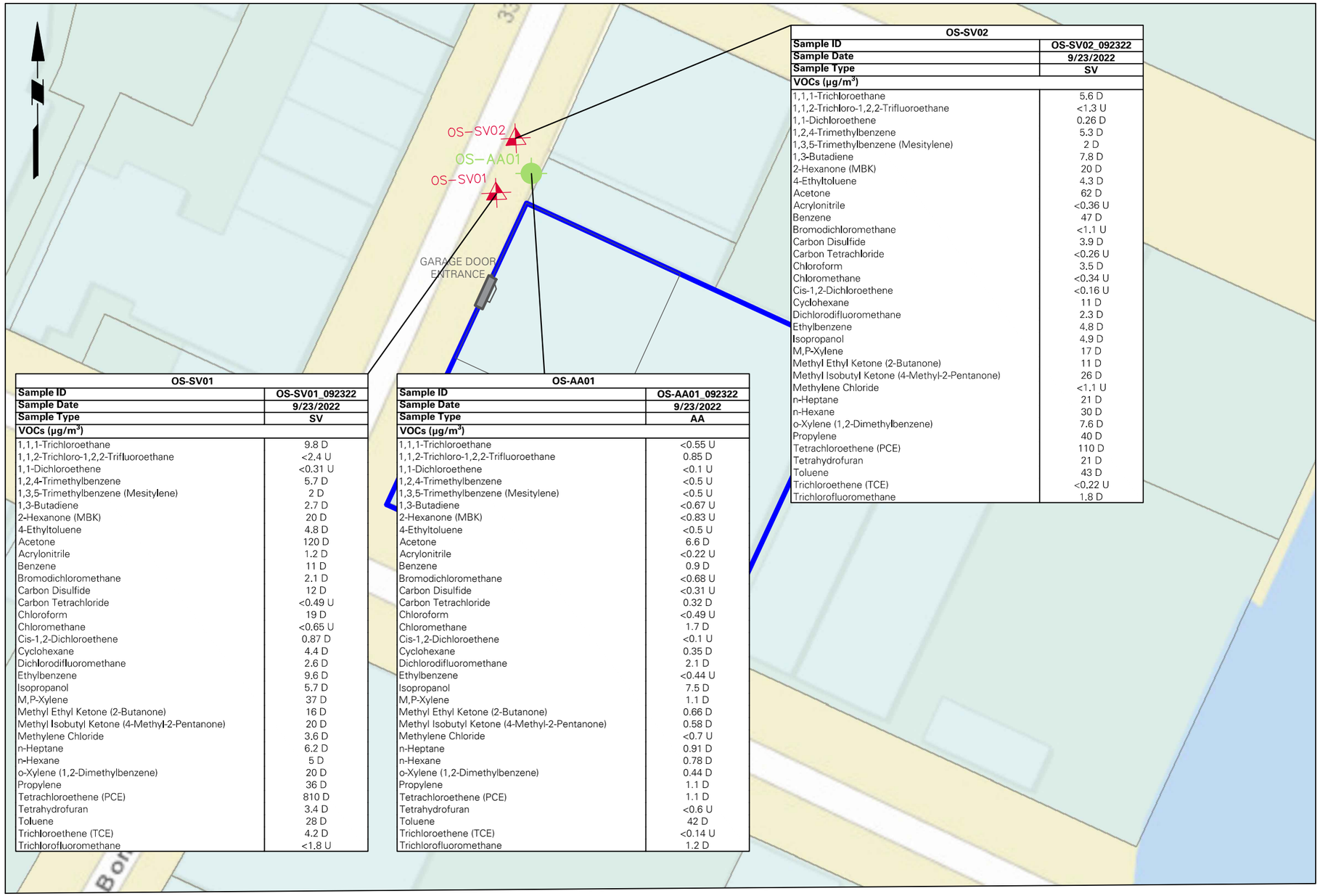
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Date 09/13/2019
Scale 1"=40'
Drawn By KN
Submission Date

Figure No. 10

Sheet 10 of 11

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OS-SV01	
Sample ID	**OS-SV01_092322**
Sample Date	**9/23/2022**
Sample Type	**SV**
VOCs (µg/m³)	
1,1,1-Trichloroethane	9.8 D
1,1,2-Trichloro-1,2,2-Trifluoroethane	<2.4 U
1,1-Dichloroethene	<0.31 U
1,2,4-Trimethylbenzene	5.7 D
1,3,5-Trimethylbenzene (Mesitylene)	2 D
1,3-Butadiene	2.7 D
2-Hexanone (MBK)	20 D
4-Ethyltoluene	4.8 D
Acetone	120 D
Acrylonitrile	1.2 D
Benzene	11 D
Bromodichloromethane	2.1 D
Carbon Disulfide	12 D
Carbon Tetrachloride	<0.49 U
Chloroform	19 D
Chloromethane	<0.65 U
Cis-1,2-Dichloroethene	0.87 D
Cyclohexane	4.4 D
Dichlorodifluoromethane	2.6 D
Ethylbenzene	9.6 D
Isopropanol	5.7 D
M,P-Xylene	37 D
Methyl Ethyl Ketone (2-Butanone)	16 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	20 D
Methylene Chloride	3.6 D
n-Heptane	6.2 D
n-Hexane	5 D
o-Xylene (1,2-Dimethylbenzene)	20 D
Propylene	36 D
Tetrachloroethene (PCE)	810 D
Tetrahydrofuran	3.4 D
Toluene	28 D
Trichloroethene (TCE)	4.2 D
Trichlorofluoromethane	<1.8 U

OS-AA01	
Sample ID	**OS-AA01_092322**
Sample Date	**9/23/2022**
Sample Type	**AA**
VOCs (µg/m³)	
1,1,1-Trichloroethane	<0.55 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.85 D
1,1-Dichloroethene	<0.1 U
1,2,4-Trimethylbenzene	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	<0.5 U
1,3-Butadiene	<0.67 U
2-Hexanone (MBK)	<0.83 U
4-Ethyltoluene	<0.5 U
Acetone	6.6 D
Acrylonitrile	<0.22 U
Benzene	0.9 D
Bromodichloromethane	<0.68 U
Carbon Disulfide	<0.31 U
Carbon Tetrachloride	0.32 D
Chloroform	<0.49 U
Chloromethane	1.7 D
Cis-1,2-Dichloroethene	<0.1 U
Cyclohexane	0.35 D
Dichlorodifluoromethane	2.1 D
Ethylbenzene	<0.44 U
Isopropanol	7.5 D
M,P-Xylene	1.1 D
Methyl Ethyl Ketone (2-Butanone)	0.66 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.58 D
Methylene Chloride	<0.7 U
n-Heptane	0.91 D
n-Hexane	0.78 D
o-Xylene (1,2-Dimethylbenzene)	0.44 D
Propylene	1.1 D
Tetrachloroethene (PCE)	1.1 D
Tetrahydrofuran	<0.6 U
Toluene	42 D
Trichloroethene (TCE)	<0.14 U
Trichlorofluoromethane	1.2 D

OS-SV02	
Sample ID	**OS-SV02_092322**
Sample Date	**9/23/2022**
Sample Type	**SV**
VOCs (µg/m³)	
1,1,1-Trichloroethane	5.6 D
1,1,2-Trichloro-1,2,2-Trifluoroethane	<1.3 U
1,1-Dichloroethene	0.26 D
1,2,4-Trimethylbenzene	5.3 D
1,3,5-Trimethylbenzene (Mesitylene)	2 D
1,3-Butadiene	7.8 D
2-Hexanone (MBK)	20 D
4-Ethyltoluene	4.3 D
Acetone	62 D
Acrylonitrile	<0.36 U
Benzene	47 D
Bromodichloromethane	<1.1 U
Carbon Disulfide	3.9 D
Carbon Tetrachloride	<0.26 U
Chloroform	3.5 D
Chloromethane	<0.34 U
Cis-1,2-Dichloroethene	<0.16 U
Cyclohexane	11 D
Dichlorodifluoromethane	2.3 D
Ethylbenzene	4.8 D
Isopropanol	4.9 D
M,P-Xylene	17 D
Methyl Ethyl Ketone (2-Butanone)	11 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	26 D
Methylene Chloride	<1.1 U
n-Heptane	21 D
n-Hexane	30 D
o-Xylene (1,2-Dimethylbenzene)	7.6 D
Propylene	40 D
Tetrachloroethene (PCE)	110 D
Tetrahydrofuran	21 D
Toluene	43 D
Trichloroethene (TCE)	<0.22 U
Trichlorofluoromethane	1.8 D

LEGEND:

- SITE BOUNDARY
- INTERIOR BUILDING WALLS
- OS-SV01 — SOIL VAPOR SAMPLE LOCATION
- OS-AA01 — AMBIENT AIR SAMPLE LOCATION

NOTES :

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3. µg/m³ = MICROGRAMS PER CUBIC METER.
4. D = RESULT FROM A SAMPLE THAT REQUIRED DILUTION
5. U = THE ANALYTE WAS ANALYZED FOR, BUT WAS NOT DETECTED AT A LEVEL OF THE RL OR THE SAMPLE CONCENTRATION FOR RESULTS IMPACTED BY BLANK CONTAMINATION
6. RL = REPORTING LIMIT
7. VOC = VOLATILE ORGANIC COMPOUNDS
8. SV = SOIL VAPOR
9. AA = AMBIENT AIR

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Langan Engineering and Environmental Services, Inc.
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Project
335 BOND STREET
BLOCK No. 445, LOT No. 1
BROOKLYN
KINGS NEW YORK

Figure Title
OFF-SITE SOIL VAPOR RESULTS MAP

Project No. 170362501
Date 10/28/2022
Scale 1"=40'
Drawn By LM
Submission Date

Figure No. 11
Sheet 11 of 11

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APPENDIX A

Previous Environmental Reports

May 6, 2015

Mr. Eduard Slinin
E&M Realty Corp.
335 Bond Street
Brooklyn, NY 11231

Re: Subsurface Investigation Letter Report
335 Bond Street
Brooklyn, New York 11231
Langan Project No.: 170362501

Dear Mr. Slinin:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) conducted a subsurface investigation on behalf of E&M Realty Corp. for the property located at 335 Bond Street in Brooklyn, New York. The purpose of this investigation was to evaluate possible impacts to soil, soil vapor, and groundwater due to historical use of the site. This letter report provides a description of the site background, investigation methodologies, investigation results, and conclusions.

Site Background

The site is located at 335 Bond Street in the Gowanus neighborhood of Brooklyn, New York and is identified as Block 445, Lot 1 on the New York City Tax Map. The site has an area of approximately 0.36 acres, and is occupied by a one-story office building and garage operated by NYC Two Way International, a private car and limousine service. The building includes a partial cellar, which houses an abandoned aboveground storage tank (AST) in a concrete vault. The site is bound by a two-story residential building and an industrial lot to the north; a two-story industrial and commercial building to the east; Carroll Street to the south; and Bond Street to the west. Surrounding properties are predominantly occupied by mixed-use industrial and commercial developments (north, east and south) and residential developments (west).

Field Investigation

The subsurface investigation was implemented on May 2, 2015 and included:

- A geophysical survey to locate potential underground storage tanks (USTs) and other subsurface structures;
- The advancement of five soil borings to depths of up to 9 feet below grade surface (bgs) and collection of five soil samples;

- Installation of one temporary groundwater monitoring well and collection of one groundwater sample; and,
- Installation of one temporary sub-slab soil vapor sampling point and collection of one soil vapor sample.

Geophysical Survey

NOVA Geophysical Services (NOVA) conducted a geophysical survey under the supervision of a Langan field engineer to identify USTs and subsurface structures located beneath the basement slab. The survey included ground penetrating radar (GPR) and electromagnetic (EM) detectors.

Soil Investigation

Five soil borings were advanced in the building's garage by AARCO Environmental Services Corp. (AARCO). Langan field personnel documented drilling activities and collected samples. Soil boring locations are shown on Figure 1. The soil borings were advanced to depths up to 9 feet bgs, using a Geoprobe® 420M direct-push drill rig. Soil samples were inspected for visual and olfactory evidence of contamination and screened for organic vapors with a photoionization detector (PID). The five soil borings were advanced in the garage to evaluate the extent of potential impacts due to historic use. A total of five grab soil samples were collected for laboratory analysis. Where present, one sample was collected from the interval in each boring that exhibited the highest PID readings and/or visual and olfactory indications of contamination. Soil boring logs are provided in Attachment 1.

Samples were collected into laboratory-supplied containers and delivered via courier under standard chain-of-custody protocol to York Analytical, Inc. (York). York is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. Samples were analyzed for volatile organic compounds (VOC), semivolatile organic compounds (SVOC), metals, toxicity characteristic leachate procedure (TCLP) metals, pesticides, and polychlorinated biphenyls (PCB).

Groundwater Investigation

One temporary groundwater monitoring well (TMW01) was installed in the eastern-most soil boring, SB03. TMW01 was constructed of a 1-inch diameter, 9-foot-long Schedule 40 polyvinyl chloride (PVC) screen comprised of machine-slotted 0.020-inch-wide slots. The temporary groundwater monitoring well location is shown on Figure 1.

Following installation, TMW01 was developed to remove fine-grained sediment from the filter pack and enhance the hydraulic efficiency of the surrounding formation. Well development of TMW01 was conducted using a peristaltic pump with dedicated polyethylene tubing.

Water levels were measured using a Solinst oil/water interface probe. TMW01 was purged using low-flow purge and sample techniques. The well was purged using clean, dedicated, polyethylene tubing attached to a peristaltic pump. During purging, groundwater was

monitored for dissolved oxygen, pH, temperature, turbidity, specific conductivity, and oxidation reduction potential using a Horiba U-52 water quality meter. Purging was considered complete after at least three well volumes were removed and all parameter readings were stabilized for three successive readings within a reasonable time frame. The monitored parameters were recorded on the well sampling logs provided in Attachment 2.

The groundwater samples were collected into laboratory-supplied containers and delivered via courier under standard chain-of-custody protocol to York. The groundwater samples were analyzed for VOCs, SVOCs, total metals, pesticides, and PCBs. One trip blank was analyzed for VOCs for quality assurance/quality control (QA/QC) purposes.

Soil Vapor Investigation

One sub-slab soil vapor point was installed in the eastern portion of the garage. The sub-slab soil vapor point was installed by AARCO and documented by Langan field personnel. The soil vapor point was installed to a depth of approximately 1- to 2-inches beneath the floor slab. At the sub-slab location, a 2-inch stainless steel probe attached to dedicated polyethylene tubing was inserted into a 1/2-inch diameter borehole. The annulus around the tubing was filled with #2 filter sand to just below the underside of the floor slab. Bentonite slurry was then used to seal the top of the sample point. The soil vapor point location is shown in Figure 1.

The soil vapor point was purged using a MultiRAE five-gas meter at an approximate rate of 0.05 liters per minute (L/min) to evacuate a minimum of three tubing/vapor point volumes prior to sample collection. The soil vapor sample was collected into a laboratory-supplied, batch-certified clean, 6-liter Summa® canister that was calibrated for a 2-hour sampling period. The sub-slab vapor sampling log is provided in Attachment 3.

The canisters were labeled and transported via courier under standard chain-of-custody protocol to York. The soil vapor sample was analyzed for VOCs via United States Environmental Protection Agency (USEPA) Method TO-15.

Observations and Results

Site Observations

Langan observed an abandoned, approximately 1,000-gallon AST within a concrete vault in the building basement. Upon observation, the AST was significantly corroded and approximately 3- to 4-inches of standing water was noted at the base of the vault. The fill line associated with the AST was observed to be cut, and evidence of fill port removal operations were observed (i.e., a concrete sidewalk patch) on the adjacent sidewalk along Carroll Street.

An approximately 14-inch by 14-inch, perforated, steel plate covering a potential drainage feature was located in the central portion of the garage. Debris including a concrete block, bricks, and soil were observed beneath the steel plate. The top four inches of the potential drainage feature were exposed and appeared to be constructed of the existing concrete slab and brick. A second potential drainage feature was observed approximately 2 feet to the

southwest and was covered by an approximately 24-inch by 24-inch, solid, steel plate. The function of the potential drainage features is unknown.

Geophysical Survey

The geophysical survey identified subsurface anomalies indicative of utilities and possible former utilities in the garage. Approximately 3- to 4-inches of standing water was observed in the building basement. Due to the high reflectance and interference of water, a geophysical survey could not be completed in this area of the site.

Soil Observations

Below the garage slab, the subsurface strata at the site consists of fill material characterized by loose, brown, fine to coarse sand with some brick and concrete fragments, and trace coal ash. The fill layer extended to depths ranging from approximately 4 to 8.5 feet bgs and was intersected by layers of degraded concrete and brick at varying depths. Native sands and silty sands were observed beneath the fill layer at depth intervals ranging from approximately 4 to 9 feet bgs. A sweet, solvent-like odor was noted in SB03 at a depth interval of 5 to 6 feet bgs.

Groundwater Observations

Groundwater was encountered in all five soil borings at depths ranging from 6 to 8.5 feet bgs. The site is located approximately 180 feet west of the Gowanus Canal, which is tidally influenced. Depth to groundwater was measured using a Solinst oil/water interface probe in TMW01, and was observed at 6.87 feet below the top of casing.

Soil Analytical Results

Several VOCs, SVOCs and metals were detected at concentrations exceeding Title 6 of the New York Codes, Rules and Regulations (6 NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs). Tetrachloroethene (PCE), benzo(a)anthracene, arsenic, and mercury were detected at concentrations exceeding their respective Restricted Use Residential SCOs. Table 1 provides a summary of SCO exceedances. The laboratory analytical report is provided in Attachment 4.

Groundwater Analytical Results

One VOC, cis-1,2-dichloroethene, and several metals were detected at concentrations exceeding the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values for Class GA groundwater. Table 2 provides a summary of TOGS AWQS exceedances. The laboratory analytical report is provided in Attachment 4.

Sub-Slab Vapor Analytical Results

PCE and trichloroethene (TCE) were detected in soil vapor samples at concentrations exceeding their respective NYSDOH Air Guidance Values (AGV). It is important to note that in this capacity, the AGVs are used as reference comparisons only, as they are technically related to indoor air sample results. Per Matrix 1 of the NYSDOH October 2006 Final Guidance on Soil Vapor Intrusion, the TCE and 1,1,1-trichloroethane concentrations exceed the guideline for monitoring and/or mitigation depending on the indoor air concentration, which is unknown. Per Matrix 2, the PCE concentration exceeds the guideline for mitigation no matter what the indoor air concentration. Therefore, per the NYSDOH soil vapor intrusion guidance matrices, mitigation is recommended. Table 3 provides a summary of VOC detections. The laboratory analytical report is provided in Attachment 4.

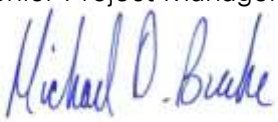
Conclusions

Site soil was found to be impacted with PCE, several SVOCs and several metals at concentrations exceeding their 6 NYCRR Part 375 Restricted Use Residential SCOs. Groundwater was found to be impacted with cis-1,2-dichloroethene and several metals at concentrations exceeding the TOGS AWQS for Class GA groundwater. Site soil vapor was found to be impacted with PCE and TCE. Comparison of the sub-slab sample PCE concentration to Matrix 2 of the NYSDOH October 2006 Final Guidance on Soil Vapor Intrusion found that mitigation was recommended with regards to future on-site redevelopment.

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



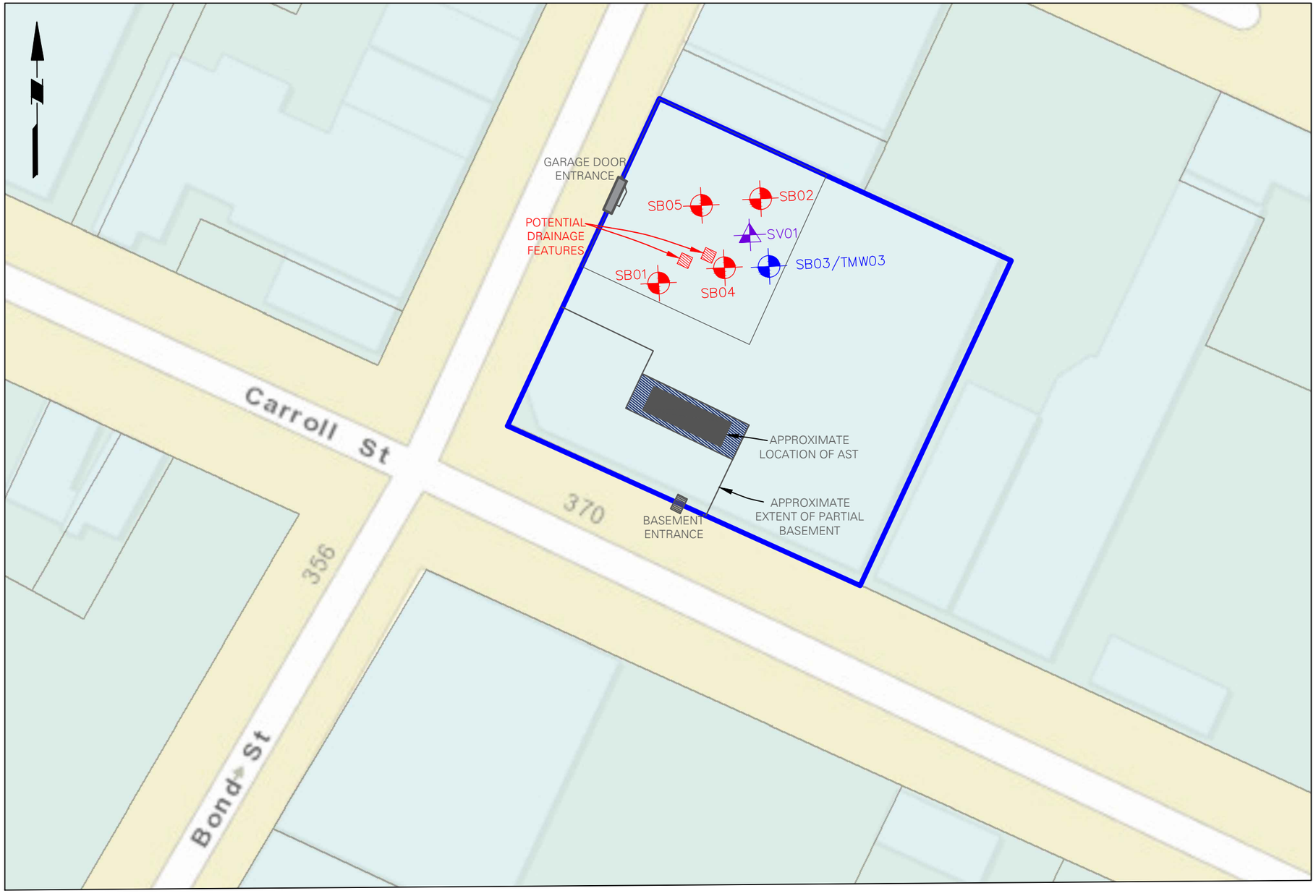
Ryan Manderbach, CHMM
Senior Project Manager



Michael Burke, CHMM
Senior Associate/Vice President

Enclosure(s): Figure 1 – Sample Location Map
Table 1 – Soil Sample Analysis Results Summary
Table 2 – Groundwater Sample Analysis Results Summary
Table 3 – Soil Vapor Analysis Results Summary
Attachment 1 – Soil Boring Logs
Attachment 2 – Groundwater Sampling Log
Attachment 3 – Sub-Slab Soil Vapor Sampling Log
Attachment 4 – Laboratory Analytical Reports

FIGURES



LEGEND:

- SITE BOUNDARY
- ABOVEGROUND STORAGE TANK (AST)
- POTENTIAL DRAINAGE FEATURE
- SB04 — APPROXIMATE SOIL BORING LOCATION
- SV01 — APPROXIMATE SUB-SLAB VAPOR SAMPLE LOCATION
- SB03/TMW03 — APPROXIMATE TEMPORARY GROUNDWATER MONITORING WELL LOCATION

NOTES :

1. SAMPLES WERE COLLECTED AS PART OF A SUBSURFACE INVESTIGATION CONDUCTED BY LANGAN IN MAY 2015.
2. DATA, PROPERTY BOUNDARIES, AND BUILDING LOCATIONS ARE APPROXIMATE.
3. Basemap provided by ESRI, HERE, DELorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), Tom Tom, Mapmy India, © OpenStreetmap contributors, and the GIS User Community.

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Collectively known as Langan

Project
335 BOND STREET
BLOCK No. 445, LOT No. 1
BROOKLYN
KINGS NEW YORK

Figure Title
SAMPLE LOCATION MAP

Project No. 170362501	Figure No. 1
Date 05/04/2015	
Scale NTS	
Drawn By MLR	
Submission Date	Sheet 1 of 1

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Filename: \\langan.com\data\NY\data5\170362501\Cadd Data - 170362501\2D-DesignFiles\Phase II\Figure 1 - Sample Location Map.dwg Date: 5/5/2015 Time: 16:12 User: mrogers Style Table: Langan.stb Layout: ANSIB-BL

TABLES

Table 1 - Soil Sample Analysis Results Summary
Subsurface Investigation Report
335 Bond Street Brooklyn, NY 11231
Langan Project No. 170362501

Sample ID / Laboratory ID / Sampling Date / Sample Type	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	SB01_2.5-3 15E0070-01 5/2/2015 Soil		SB02_2.5-3 15E0070-02 5/2/2015 Soil		SB03_5-5.5 15E0070-03 5/2/2015 Soil		SB04_0.5-1 15E0070-04 5/2/2015 Soil		SB05_5-5.5 15E0070-05 5/2/2015 Soil	
Volatile Organic Compounds (mg/kg)												
Dilution Factor			1		1		1		1		100	
1,1,1-Trichloroethane	0.68	~	0.0040	U	0.0030	U	0.0035	U	0.0057		0.29	U
2-Butanone	0.12	100	0.0040	U	0.0030	U	0.0043	J	0.0025	U	0.29	U
Acetone	0.05	100	0.018		0.012	J	0.049		0.013		0.59	U
Tetrachloroethylene	1.3	19	0.017		0.20		0.051		0.23	E	**8.60**	**D**
Trichloroethylene	0.47	21	0.0040	U	0.0087		0.0035	U	0.018		0.43	JD
Semi-Volatile Organic Compounds (mg/kg)												
Dilution Factor			1		2		1		2		10	
1,1'-Biphenyl	~	~	0.027	U	0.050	U	0.029	U	0.047	U	0.17	D
2-Methylnaphthalene	~	~	0.027	U	0.050	U	0.029	U	0.047	U	0.53	D
Acenaphthene	20	100	0.027	U	0.11	D	0.029	U	0.087	JD	1.39	D
Acenaphthylene	100	100	0.027	U	0.050	U	0.029	U	0.047	U	0.075	JD
Anthracene	100	100	0.027	U	0.23	D	0.029	U	0.23	D	1.43	D
Benzo(a)anthracene	1	1	0.077		0.93	D	0.094		0.86	D	**2.69**	**D**
Benzo(a)pyrene	1	1	0.053	J	0.55	D	0.063		0.37	D	0.86	D
Benzo(b)fluoranthene	1	1	0.047	J	0.52	D	0.056	J	0.34	D	0.87	D
Benzo(g,h,i)perylene	100	10	0.027	U	0.15	D	0.029	U	0.12	D	0.48	D
Benzo(k)fluoranthene	0.8	3.9	0.059		0.56	D	0.065		0.35	D	**1.28**	**D**
Carbazole	~	~	0.027	U	0.081	JD	0.029	U	0.064	JD	0.93	D
Chrysene	1	3.9	0.074		0.91	D	0.093		0.84	D	**2.43**	**D**
Dibenzo(a,h)anthracene	0.33	0.33	0.027	U	0.079	JD	0.029	U	0.062	JD	0.18	D
Dibenzofuran	7	59	0.027	U	0.050	U	0.029	U	0.047	U	1.03	D
Fluoranthene	100	100	0.16		1.71	D	0.22		1.49	D	10.20	D
Fluorene	30	100	0.027	U	0.074	JD	0.029	U	0.065	JD	1.25	D
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.027	U	0.16	D	0.029	U	0.13	D	0.43	D
Naphthalene	12	100	0.027	U	0.050	U	0.029	U	0.047	U	1.04	D
Phenanthrene	100	100	0.10		1.02	D	0.13		0.86	D	10.90	D
Pyrene	100	100	0.12		1.60	D	0.17		1.35	D	7.57	D
Pesticides (mg/kg)												
No Detections												
Polychlorinated Biphenyls (mg/kg)												
No Detections												
Metals, Target Analyte (mg/kg)												
Dilution Factor			1		1		1		1		1	
Aluminum	~	~	4,910		4,210		9,170		5,350		4,200	
Antimony	~	~	1.86		1.31		0.68	U	0.56	U	0.57	U
Arsenic	13	16	8.38		**22.90**		7.95		4.83		3.83	
Barium	350	400	139		141		81		62.70		36	
Calcium	~	~	7,710		44,900		130,000		16,400		56,800	
Chromium	~	180	11		7.22		8.86		12.50		8	
Cobalt	~	~	7.46		3.31		3.97		7.79		5.33	
Copper	50	270	**96.10**		**100**		12.60		31		15	
Iron	~	~	7,700		11,500		10,000		12,300		9,510	
Lead	63	400	**247**		**304**		52.40		**109**		28.60	
Magnesium	~	~	769		4,010		10,500		5,830		2,960	
Manganese	1600	2000	120		170		237		259		186	
Nickel	30	310	16.60		12.30		9.45		**55.40**		17	
Potassium	~	~	841		980		1,380		1,100		1,410	
Selenium	3.9	180	3.26		1.20	U	1.37	U	1.48		1.14	U
Sodium	~	~	1,170		588		533		597		303	
Vanadium	~	~	18.60		14		21.20		16.90		15.70	
Zinc	109	10000	126		99.10		28.10		81.40		38.40	
Metals, TCLP RCRA (mg/kg)												
Dilution Factor			1		1		1		1		1	
Arsenic	13	16	0.022		0.04		0.00	U	0.00	U	0.00	U
Barium	350	400	0.243		0.22		0.14		0.49		0.22	
Lead	63	400	0.042		0.02		0.00	U	0.02		0.00	U
Selenium	3.9	180	0.012		0.02		0.01		0.02		0.01	
Mercury (mg/kg)												
Dilution Factor			1		1		1		1		1	
Mercury	0.18	0.81	**0.664**		**0.914**		**4.67**		**0.310**		**0.190**	
Total Solids (%)												
% Solids	NS	NS	78.70		83.00		73.20		89.80		88	

Notes:

1. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the New York Codes, Rules and Regulations (6 NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO) and Restricted Use Restricted-Residential SCOs.
2. NYSDEC Part 375 Unrestricted Use SCO exceedances are bolded and highlighted gray.
3. NYSDEC Part 375 Restricted Use Restricted-Residential SCO exceedances are bolded and highlighted yellow.
4. Only compounds with detections are shown in the table.
5. mg/kg = microgram per kilogram.

Qualifiers:

Q=qualifier.
D=result is from an analysis that required a dilution.
E = result is estimated and cannot be accurately reported due to levels encountered or interferences.
J = analyte detected at or above the MDL (method detection limit) but below the RL (reporting limit) - data is estimated.
U = analyte not detected at or above the level indicated.
~ = regulatory limit has not been established for this analyte.

Table 2 - Groundwater Sample Analysis Results Summary
Subsurface Investigation Report
335 Bond Street
Brooklyn, New York 11231
Langan Project No. 170362501

Location/Sample ID Sampling Date LabSample ID Sample Type	NYSDEC TOGS Ambient Water Quality Standards	TMW01_050215 5/2/2015 15E0070-06 Groundwater	
Volatile Organic Compounds (µg/l)			
Dilution Factor		1	
1,1-Dichloroethane	5	0.93	
1,1-Dichloroethene	0.7	0.23	J
1,2,3-Trichlorobenzene	~	0.28	JB
1,2,4-Trichlorobenzene	~	0.24	JB
Benzene	1	0.61	
cis-1,2-Dichloroethene	5	**100**	**D**
Cyclohexane	~	0.29	J
Tetrachloroethene	0.7	0.34	J
trans-1,2-Dichloroethene	5	0.37	J
Trichloroethene	5	0.22	J
Semivolatile Organic Compounds (µg/l)			
Dilution Factor		1	
Acenaphthylene	20	0.21	
Bis(2-ethylhexyl)phthalate	5	1.13	B
Fluoranthene	50	0.10	
Fluorene	50	0.28	
Naphthalene	10	0.16	
Phenanthrene	50	0.060	
Pyrene	50	0.15	
Metals, Target Analyte (µg/l)			
Dilution Factor		1	
Aluminum	100	**129**	
Barium	1,000	133	
Calcium	~	127,000	
Copper	200	4	
Iron	600	**6,100**	
Lead	25	4	
Magnesium	35,000	26,400	
Manganese	300	**1,040**	
Potassium	~	21,400	
Selenium	10	**13**	
Sodium	20,000	**109,000**	
Zinc	2,000	12	

Notes:

1. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values for Class GA groundwater.

2. NYSDEC AWQS exceedances are bolded and highlighted yellow.

3. µg/l = micrograms per liter.

Qualifiers:

J = analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit). Result is an estimated concentration.

D = result is from an analysis that required a dilution.

B = analyte found in the analysis batch blank

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

Table 3 - Soil Vapor Sample Analysis Results Summary
Subsurface Investigation Report
335 Bond Street
Brooklyn, New York 11231
Langan Project No. 70362501

Sample ID	New York State Department of Health Air Guidance Value (AGV) (µg/m3)	SV01_050215
Laboratory ID		15E0069
Sampling Date		5/2/2015
Sample Type		Soil Vapor
Volatile Organic Compounds (µg/m^3)		
Dilution Factor		23.44
1,1,1-Trichloroethane	~	180
1,1-Dichloroethane	~	14
Acetone	~	130
Benzene	~	19
Chloroform	~	30
Isopropanol	~	800
n-Hexane	~	17
Tetrachloroethene	30	**2500**
Toluene	~	38
Trichloroethene	2	**120**

Notes:

1. Only compounds with detections are shown in the table.
2. All samples were diluted during analysis.
3. Soil vapor sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guidance Values (AGV).
4. Soil vapor sample analytical results above the NYSDOH AGVs are bolded and highlighted.
5. µg/m^3 = microgram per cubic meter

ATTACHMENT 1 – SOIL BORING LOGS

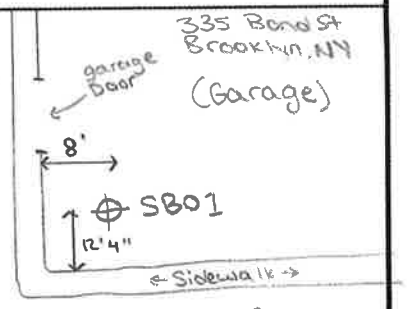
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LOG OF BORING SB01 **SHEET** 1 **OF** 1

PROJECT 335 Bond St.		PROJECT NO. 170362501	
LOCATION 335 Bond St. Brooklyn, NY		ELEVATION AND DATUM n/a	
DRILLING AGENCY AARCO		DATE STARTED 5/2/15	DATE FINISHED 5/2/15
DRILLING EQUIPMENT GeoProbe 420m		COMPLETION DEPTH 9'	ROCK DEPTH n/a
SIZE AND TYPE OF BIT Direct Push, 2"		NO. SAMPLES 3 DIST.	UNDIST n/a CORE n/a
CASING n/a		WATER LEVEL FIRST 6'	COMPL. n/a 24 HR. n/a
CASING HAMMER n/a WEIGHT n/a	DROP n/a	FOREMAN Tom Sikol	
SAMPLER 36" macrocore		INSPECTOR Emily Snead	
SAMPLER HAMMER n/a WEIGHT n/a	DROP n/a		

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.
C	6" Concrete Slab					
Fill	R1A: (0-8") Loose, red-brown medium to fine SAND, trace coarse Sand. (dry) (Fill)	1	R-1	macrocore	14"/30"	0.0 0.0 0.0
Fill	R1B: (8"-14") Loose, brown-black coarse SAND, brick fragments, black coal ash. (dry) (Fill)	2				
Silty Sand	R2A: (0-12") Loose, red-brown fine SAND, trace c. Sand, trace Silt (dry) (native Sand)	3	R-2	macrocore	16"/36"	0.0 0.0 0.0
Silty Sand	R2B: (12-14") Loose dark brown weathered SCHIST rock fragments, some mica (dry) (native)	4				
Silty Sand	R2C: (14-16") Loose, red-brown medium to fine SAND, trace Silt. (wet) (native sand)	5				
Silty Sand	R3: (0-23") Loose, red-brown medium to fine SAND, some Silt. (wet) (native Sand)	6 ▽	R-3	macrocore	23"/36"	0.0 0.0 0.0 0.0
	EOB @ 9' bgs	7				
		8				
		9				
		10				
		11				
		12				
		13				
		14				

REMARKS
(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)



(NTS)

5-2-15

0830 - Begin coring cement slab in SB01 location

1000 - Begin macrocore sampling in SB01 location

1028 - Complete macrocore sampling in SB01, final depth 9' bgs. Water observed @ 6' bgs.

1030 - Collect SB01-2.5-3' Soil Sample. Place on ice.

1500 - Patch concrete in SB01 location with drill cuttings + new cement to grade.

EOB @ 9' bgs

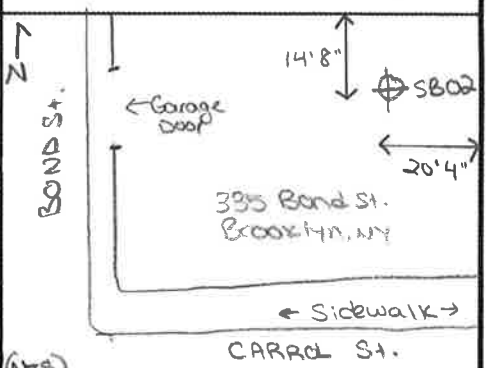
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LOG OF BORING SB02 **SHEET** 1 **OF** 1

PROJECT 335 Bond St.		PROJECT NO. 170362501	
LOCATION 335 Bond St. Brooklyn, NY		ELEVATION AND DATUM n/a	
DRILLING AGENCY AARCO		DATE STARTED 5/2/15	DATE FINISHED 5/2/15
DRILLING EQUIPMENT GeoProbe 420M		COMPLETION DEPTH 9'	ROCK DEPTH n/a
SIZE AND TYPE OF BIT Direct push, 2"		NO. SAMPLES DIST. 3	UNDIST. n/a CORE n/a
CASING n/a		WATER LEVEL FIRST 7.5'	COMPL. n/a 24 HR. n/a
CASING HAMMER n/a WEIGHT n/a	DROP n/a	FOREMAN Tom Sikol	
SAMPLER 36" macrocore		INSPECTOR Emily Snead	
SAMPLER HAMMER n/a WEIGHT n/a	DROP n/a		

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.
C	6" Concrete Slab					
Fill	R1A: Loose, brown coarse to medium (0-12") SAND, trace brick fragments (dry) (Fill)	1	R-1	macrocore	25"/30"	0.0 0.7 1.7 2.1
Concrete	R1B: Loose, light tan degraded (12-19") CONCRETE layer. (dry) (Concrete)	2				
Fill	R1C: Loose, black-brown coarse to (19-25") medium SAND, trace gravel, brick fragments (dry) (fill)	3				
Concrete	R2A: Loose, reddish-tan mottled (0-8") degraded CONCRETE (moist) (concrete)	4	R-2	macrocore	20"/36"	1.9 0.4 0.9 0.2
BRICK	R2B: Loose, red-brown degraded (8-16") BRICK layer (Dry) (Brick)	5				
Fill	R2C: Loose, black-brown fine (16-20") SAND, trace m. sand, trace silt (wet) (Fill)	6				
Silty Sand	R3: Loose, brown fine SAND, (0-12.5") trace silt. (wet) (native sand)	7 ▽	R-3	macrocore	12.5"/36"	0.0 0.0
	EOB @ 9' bgs	8				
		9				
		10				
		11				
		12				
		13				
		14				

REMARKS
(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)



(NTS)

5-2-15

10:30 - Begin coring cement slab in SB02 location

10:35 - Begin macrocore sampling SB02

11:00 - Complete macrocore sampling SB02. final depth 9' bgs. water observed @ 7.5' bgs

11:20 - collect SB02_2.5-3 Soil Sample. Place on ice.

1500 - Patch Slab SB02 location with new concrete.

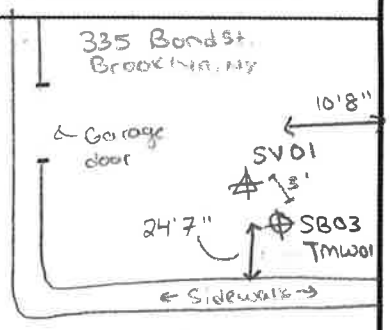
EOB @ 9' bgs

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LOG OF BORING SB03 **SHEET** 1 **OF** 1

PROJECT 335 Bond St.		PROJECT NO. 170362501	
LOCATION 335 Bond St. Brooklyn, NY		ELEVATION AND DATUM n/a	
DRILLING AGENCY AARCO		DATE STARTED 5/2/15	DATE FINISHED 5/2/15
DRILLING EQUIPMENT GeoProbe 420M		COMPLETION DEPTH 9'	ROCK DEPTH n/a
SIZE AND TYPE OF BIT Direct push, 2"		NO. SAMPLES DIST. 3	UNDIST. n/a CORE n/a
CASING n/a		WATER LEVEL FIRST 8.5'	COMPL. n/a 24 HR. n/a
CASING HAMMER n/a WEIGHT n/a	DROP n/a	FOREMAN Tom Sikol	
SAMPLER 36" macrocore		INSPECTOR Emily Snead	
SAMPLER HAMMER n/a WEIGHT n/a	DROP n/a		

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.	REMARKS (DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)
C	6" Concrete Slab						
Fill	R1A: Loose, red-brown medium to coarse SAND, brick fragments. (dry) (Fill) (0-9")	1	R-1	macrocore	22"/30"	0.0	
	R1B: Loose, gray-brown coarse SAND, trace gravel (dry) (fill) (9-13")	2				0.0	
	R1C: Loose, medium to fine SAND, (13-22") trace c. Sand. (dry) (Fill)	3				0.0	
		4				1.0	
concrete	R2A: Loose, reddish-tan mottled (0-10") degraded CONCRETE layer, (dry) (concrete)	5	R-2	macrocore	16"/36"	0.1	
Brick	R2B: Loose, red-brown degraded (10-16") BRICK layer (dry) (Brick)	6				0.5	
						0.0	
Sand		7	R-3	macrocore	6"/36"		
	R3: Loose, brown fine SAND, some (0-6") c. Sand, trace Silt. (wet) (native sand)	8					
	EOB @ 9' bgs	9				0.0	
		10					
		11					
		12					
		13					
		14					



(NTS)

5-2-15

1110 - Core through concrete slab in SB03 location

1115 - Begin macrocore sampling SB03 location

1140 - Complete macrocore sampling SB03. Final depth 9' bgs. Water observed at 7.5' bgs. Install TMW01 to 9', running sands, cannot log installation. Sweet odor, Solvent-like + 0.5 ppm PID reading at 5-6' bgs.

1150 - Collect Sample SB03.5-5.5 Soil sample. Place on ice

1500 - Patch concrete slab in SB03 with new concrete.

EOB @ 9' bgs

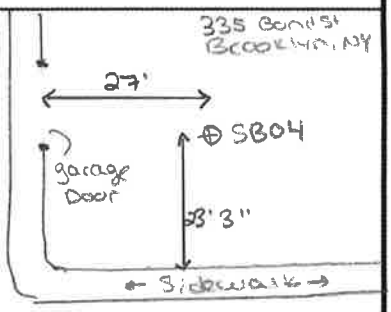
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LOG OF BORING SB04 **SHEET** 1 **OF** 1

PROJECT 335 Bond St.		PROJECT NO. 170362501	
LOCATION 335 Bond St. Brooklyn, NY		ELEVATION AND DATUM n/a	
DRILLING AGENCY AARCO		DATE STARTED 5/2/15	DATE FINISHED 5/2/15
DRILLING EQUIPMENT Geoprobe 420M		COMPLETION DEPTH 9'	ROCK DEPTH n/a
SIZE AND TYPE OF BIT Direct push, 2"		NO. SAMPLES	DIST. 3 / UNDIST. n/a / CORE n/a
CASING n/a		WATER LEVEL	FIRST 6' / COMPL. n/a / 24 HR. n/a
CASING HAMMER n/a / WEIGHT n/a / DROP n/a		FOREMAN Tom Sikol	
SAMPLER 36" macrocore		INSPECTOR Emily Snead	
SAMPLER HAMMER n/a / WEIGHT n/a / DROP n/a			

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO.LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.
C	4.5" Concrete slab					
Fill	R1A: Loose red-brown medium to fine (0-17") SAND, some C. Sand, brick fragments, (dry) (Fill)	1	R-1	macrocore	20 / 33.5"	3.7
Concrete	R2A: Loose, reddish-tan mottled (17-20") degraded CONCRETE layer (dry) (Concrete)	2				1.8
		3				1.3
Fill	R2A: Loose, red-brown coarse to (0-8") medium SAND, brick fragments, trace gravel (moist) (Fill)	4	R-2	macrocore	13 / 36"	
		5				1.6
Brick	R2B: Loose, red-brown degraded (8-13") BRICK layer (wet) (Fill)	6				1.4
Sand	R3: Loose, brown fine SAND, (0-10") trace C. Sand (wet) (native sand)	7	R-3	macrocore	10 / 36"	
		8				0.0
	EOB @ 9' bgs	9				0.0
		10				
		11				
		12				
		13				
		14				

REMARKS
(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)



(NTS)

5-2-15

1308: Begin coring concrete slab in SB04 location

1332: Begin macrocore sampling SB04

1345: Complete macrocore sampling SB04. Final depth 9' bgs. Water observed at 6' bgs.

1450: Collect soil sample SB04_0.5-1', place on ice

1500: patch concrete slab in SB04 w/ new concrete.

EOB @ 9' bgs

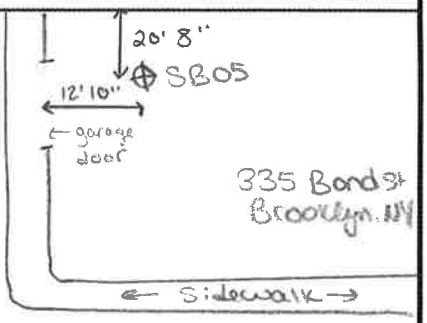
LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

LOG OF BORING SB05 **SHEET** 1 **OF** 1

PROJECT: 335 Bond St.		PROJECT NO.: 170362501	
LOCATION: 335 Bond St. Brooklyn, NY		ELEVATION AND DATUM: n/a	
DRILLING AGENCY: AARCO		DATE STARTED: 5/2/15	DATE FINISHED: 5/2/15
DRILLING EQUIPMENT: GeoProbe 420M		COMPLETION DEPTH: 9'	ROCK DEPTH: n/a
SIZE AND TYPE OF BIT: Direct push, 2"		NO. SAMPLES: DIST. 3	UNDIST. n/a CORE n/a
CASING: n/a		WATER LEVEL: FIRST 8.5	COMPL. n/a 24 HR. n/a
CASING HAMMER: n/a WEIGHT: n/a	DROP: n/a	FOREMAN: Tom Sikol	
SAMPLER: 36" macrocore		INSPECTOR: Emily Snead	
SAMPLER HAMMER: n/a WEIGHT: n/a	DROP: n/a		

	SAMPLE DESCRIPTION	DEPTH SCALE	SAMPLES NO./LOC.	SAMPLES TYPE	SAMPLES RECOV. FT.	SAMPLES PENETR. RESIST BL/6 in.
C	6" Concrete Slab					
Fill	R1A: Loose, brown medium to fine SAND, Brick fragments, glass and gravel. (Dry) (Fill)	1	R-1	macrocore	24"/30"	0.8, 0.0, 0.0, 0.0
Concrete	R1B: Loose, light tan degraded CONCRETE. (dry) (Concrete)	2				
Brick	R1C: Loose, red-brown degraded BRICK layer (dry) (brick)	3				
Fill	R2A: Loose, tan-brown coarse to medium SAND, concrete + brick fragments, trace gravel (dry) (Fill)	4	R-2	macrocore	21"/36"	0.4, 0.6, 0.1, 0.8
	R2B: Loose, black-brown COAL ASH, some c. Sand (dry) (Fill)	5				
Brick	R2C: Loose, red-brown BRICK layer (dry) (Brick)	6				
Fill	R2D: Loose, black-brown coarse to medium SAND, concrete fragments (dry) (Fill)	7	R-3	macrocore	5"/36"	
Sand	R3: Loose, brown coarse to medium SAND (wet) (native sand)	8				0.0
	EOB @ 9' bgs	9				
		10				
		11				
		12				
		13				
		14				

REMARKS
(DRILLING FLUID, DEPTH OF CASING, CASING BLOWS, FLUID LOSS, ETC.)



(NTS)

5-2-15

1320 - Begin coring concrete slab in SB05 location

1350 - Begin macrocore sampling SB05

1405 - Complete macrocore sampling SB05. Final depth 9' bgs. Water observed at ~8.5' bgs

1500 - Collect soil sample SB05-5-5.5'

Patch concrete slab with new concrete.

EOB @ 9' bgs

ATTACHMENT 2 – GROUNDWATER SAMPLING LOG

GROUND WATER SAMPLE FIELD INFORMATION FORM

Site: 335 Bond ST	Well#/Location: TMW 01	Job No. [redacted] 17036250
Date: 5-2-2015	Weather: Clear, 66 °F	Sampling Personnel: Emily Sneed

Well Information

Sample ID	TW01-050215
Well Depth (ft)	9'
Screened Interval (ft)	0-9'
Casing Elevation (msl)	n/a
Casing Diameter (in)	2"
Depth to Water (ft)	6.87'
Water Elevation (msl)	n/a
Casing Volume (gal)	n/a
PID/FID Reading (ppm)	2.4 ppm

Purging Information

Purging Method	Low-Flow
Purging Rate (l/m; gpm)	200 mL/min
Start Purge Time	1305
End Purge Time	1400
Volume Purged (gal)	3.6 gal

Sampling Information

Sampling Method	bottom peristaltic
Start Sampling Time	1400
End Sampling Time	1415
Depth Before Sampling (ft)	n/a
Number Bottles Collected	7

	Parameters							
Sample Time	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Purged Volume (gallons)
1305	6.88	1.46	76	1.86	17.56	-67	6.87	0.0
1310	4.36	1.42	44.3	1.12	17.56	-98	-	0.75
1315	4.71	1.40	29.5	0.93	17.56	-108	-	0.90
1320	4.89	1.39	29.5	0.82	17.56	-113	-	1.5
1325	4.98	1.38	23.0	0.81	17.56	-115	-	1.67
1330	5.04	1.38	33.2	0.98	17.57	-117	-	1.80
1335	5.07	1.36	14.9	0.93	17.58	-118	-	2.05
1340	5.04	1.37	17.9	1.06	17.59	-119	-	2.30
1345	5.07	1.36	22.5	0.89	17.6	-119	-	2.75
1350	5.10	1.35	11.9	0.61	17.59	-120	-	2.90
1355	5.10	1.35	10.5	0.58	17.58	-120	-	3.30
1400	5.10	1.35	9.8	0.58	17.59	-120	-	3.60

Notes/Remarks

Calibrate Horiba @ 1251 → Auto

pH = 3.9

ms/cm = 4.49

NTU = 0.2

DO = 1060

Initial purge rate = 4 min, 5 sec per 37.8L

Well installation → Running sands, unable to log

1400 - Collect Sample TMW01-050215

Stablility

- PH - ± 0.1 unit
- Specific Conductance - ± 3%
- Temperature - ± 3%
- Dissolved Oxygen - ±10% above 0.5 mg/L
- Turbidity - ± 10% above 5 NTU
- ORP/Eh - ±10 millivolts
- Maximum flow rate - <0.5 L/m or 0.13 gpm
- Maximum drawdown - <0.33 feet

Remember: Battery Connections - **RED** is **POSITIVE** and **BLACK** is **NEGATIVE**

ATTACHMENT 3 – SUB-SLAB SOIL VAPOR SAMPLING LOG

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV01

PROJECT: 335 Bond St.	PROJECT NO.: 170362501
LOCATION: 335 Bond St. Brooklyn, NY	SURFACE ELEVATION AND DATUM: n/a
DRILLING FIRM OR LANGAN INSTALLER: AARCO	INSTALLATION DATE STARTED: 5/2/15 DATE FINISHED: 5/2/15
INSTALLATION FOREMAN: Tom Sikol	SAMPLE DATE STARTED: 5/2/15 DATE FINISHED: 5/2/15
INSTALLATION EQUIPMENT: Hammer Drill	TYPE OF SAMPLING DEVICE: 6L. Summa Canister
INSPECTOR: Emily Snead	SAMPLER: 2" Stainless Steel Probe
POTENTIAL SAMPLE INTERFERENCES: None	WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Installed in indoor garage Weather: Clear, 51-66°F, 78% humidity Atmospheric pressure = 30.02in.

METHOD OF INSTALLATION AND PURGING:

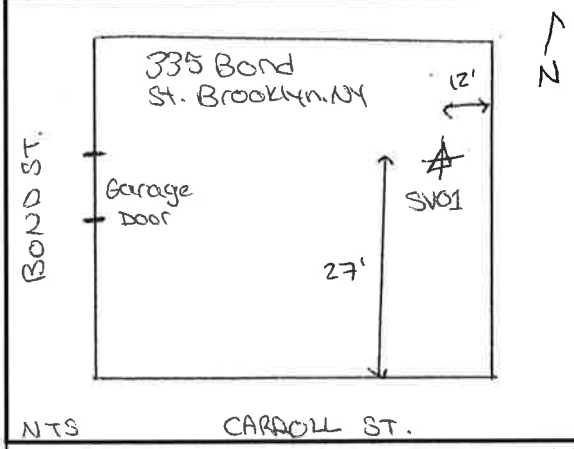
Hammerdrill, multiRae set to 200ml/min (Low Setting) purge rate.

TUBING TYPE/DIAMETER: Teflon 3/16" ID, 1/4" OD	TYPE OF MATERIAL ABOVE SEAL: N/A Concrete Slab Surface
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2" Length, 1/4" Diameter	SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.): Bentonite Clay
BOREHOLE DIAMETER: 0.5 inches	FILTER PACK MATERIAL (Sand or Glass Beads): NO.2 Sand

PURGE VOLUME (L):	400 ml
PURGE FLOW RATE (ML/MIN):	200 ml/minute
PID AFTER PURGE (PPM):	0.8 ppm
HELIUM TEST IN BUCKET(%):	35 %
HELIUM TEST IN TUBE (PPM):	0.0 ppm
SAMPLE START DATE/TIME:	5/2/15 12:26
SAMPLE STOP DATE/TIME:	5/2/15 14:18
TOTAL SAMPLE TIME (MIN):	112 min
FLOW RATE (L/MIN):	0.05 L/min
VOLUME OF SAMPLE (LITERS):	6 Liters
PID AFTER SAMPLE (PPM):	1.2 ppm
SAMPLE MOISTURE CONTENT:	n/a
CAN SERIAL NUMBER:	17351
REGULATOR SERIAL NUMBER:	T13
CAN START VACUUM PRESS. (" HG):	-30" HG
CAN STOP VACUUM PRESS. (" HG):	-6.5" HG

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	DEPTH (FEET FROM SURFACE)	NOTES
Top of Seal	0.0"	Bentonite Clay
Top of Pack	1.5"	NO.2 Sand Pack
	4"	2" Stainless Steel Probe

SAMPLE LOCATION SKETCH



NOTES

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

ATTACHMENT 4 – LABORATORY ANALYTICAL REPORTS

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Ryan Manderbach

Report Date: 05/04/2015
Client Project ID: 170362501
York Project (SDG) No.: 15E0070

Report Date: 05/04/2015
Client Project ID: 170362501
York Project (SDG) No.: 15E0070

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Ryan Manderbach

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 02, 2015 and listed below. The project was identified as your project: **170362501**.

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 Notes 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 attachment to 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
15E0070-01	SB01_2.5-3	Soil	05/02/2015	05/02/2015
15E0070-02	SB02_2.5-3	Soil	05/02/2015	05/02/2015
15E0070-03	SB03_5-5.5	Soil	05/02/2015	05/02/2015
15E0070-04	SB04_.5-1	Soil	05/02/2015	05/02/2015
15E0070-05	SB05_5-5.5	Soil	05/02/2015	05/02/2015
15E0070-06	TMW01_050215	Water	05/02/2015	05/02/2015
15E0070-07	Trip Blank	Water	05/02/2015	05/02/2015

General Notes for York Project (SDG) No.: 15E0070

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 05/04/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB01_2.5-3 **York Sample ID:** 15E0070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 10:30 am	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 NELAC-NY10854,NJDEP	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 NELAC-NY10854,NJDEP	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 NELAC-NY10854,NJDEP	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	80	160	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 NELAC-NY10854,NJDEP	BK
78-93-3	2-Butanone	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP	BK
591-78-6	2-Hexanone	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:09 CTDOH,NELAC-NY10854,NJDEP	BK

Sample Information

Client Sample ID: SB01_2.5-3 **York Sample ID:** 15E0070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 10:30 am	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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**	**18**	CCV-E, SCAL-E	ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
107-02-8	Acrolein	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
71-43-2	Benzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
75-25-2	Bromoform	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
74-83-9	Bromomethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
75-00-3	Chloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
67-66-3	Chloroform	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
74-87-3	Chloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
110-82-7	Cyclohexane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
74-95-3	Dibromomethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK

Sample Information

Client Sample ID: SB01_2.5-3 **York Sample ID:** 15E0070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 10:30 am	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
75-09-2	Methylene chloride	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
95-47-6	o-Xylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/04/2015 07:53	05/04/2015 11:09	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/04/2015 07:53	05/04/2015 11:09	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
100-42-5	Styrene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
127-18-4	**Tetrachloroethylene**	**17**	CCV-E	ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
108-88-3	Toluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:09	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:09	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.2 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.5 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*76-130*

Sample Information

Client Sample ID: SB01_2.5-3 **York Sample ID:** 15E0070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 10:30 am	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
83-32-9	Acenaphthene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
98-86-2	Acetophenone	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 17:53	KH
62-53-3	Aniline	ND		ug/kg dry	106	212	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
120-12-7	Anthracene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
1912-24-9	Atrazine	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 17:53	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 17:53	KH
92-87-5	Benzidine	ND		ug/kg dry	106	212	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854	05/03/2015 17:53	KH
56-55-3	**Benzo(a)anthracene**	**77.0**		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
50-32-8	**Benzo(a)pyrene**	**52.5**	J	ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
205-99-2	**Benzo(b)fluoranthene**	**46.6**	J	ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
65-85-0	Benzoic acid	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 17:53	KH
207-08-9	**Benzo(k)fluoranthene**	**58.8**		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 17:53	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
105-60-2	Caprolactam	ND		ug/kg dry	53.0	106	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 17:53	KH
86-74-8	Carbazole	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 17:53	KH

Sample Information

Client Sample ID: SB01_2.5-3 **York Sample ID:** 15E0070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 10:30 am	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**73.7**		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 NELAC-NY10854	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 NELAC-NY10854	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 NELAC-NY10854	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	53.0	106	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	53.0	106	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 NELAC-NY10854,NJDEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 17:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB01_2.5-3 **York Sample ID:** 15E0070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 10:30 am	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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**	**161**		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-48-7	2-Methylphenol	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
91-20-3	Naphthalene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	53.0	106	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/kg dry	53.0	106	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	53.0	106	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/kg dry	53.0	106	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**103**		ug/kg dry	26.5	53.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 17:53	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_2.5-3 **York Sample ID:** 15E0070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 10:30 am	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 17:53	KH
129-00-0	**Pyrene**	**120**		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 17:53	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	53.0	106	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 17:53	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	53.0	106	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 17:53	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 17:53	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 17:53	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	26.5	53.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 17:53	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*29.8 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*33.1 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*36.8 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*30.4 %*	*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*46.2 %*	*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*34.9 %*	*19-99*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:18	05/04/2015 10:51	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:18	05/04/2015 10:51	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:18	05/04/2015 10:51	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:18	05/04/2015 10:51	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:18	05/04/2015 10:51	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/03/2015 13:18	05/04/2015 10:51	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/03/2015 13:18	05/04/2015 10:51	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.38	8.38	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:18	05/04/2015 10:51	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:18	05/04/2015 10:51	JW

Sample Information

Client Sample ID: SB01_2.5-3 **York Sample ID:** 15E0070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 10:30 am	05/02/2015

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:51	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:51	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:51	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:51	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:51	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:51	JW
72-20-8	Endrin	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:51	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:51	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 10:51	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:51	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.10	2.10	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:51	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.5	10.5	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:51	JW
8001-35-2	Toxaphene	ND		ug/kg dry	106	106	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 10:51	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.7 %*	*30-140*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.7 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0212	0.0212	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:26	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0212	0.0212	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:26	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0212	0.0212	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:26	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0212	0.0212	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:26	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0212	0.0212	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:26	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0212	0.0212	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:26	AMC

Sample Information

Client Sample ID: SB01_2.5-3 **York Sample ID:** 15E0070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 10:30 am	05/02/2015

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0212	0.0212	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/03/2015 13:18	05/04/2015 11:26	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0212	0.0212	1	EPA 8082A Certifications:	05/03/2015 13:18	05/04/2015 11:26	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.7 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4910**		mg/kg dry	6.35	6.35	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:00	MW
7440-36-0	**Antimony**	**1.86**		mg/kg dry	0.635	0.635	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:00	MW
7440-38-2	**Arsenic**	**8.38**		mg/kg dry	1.27	1.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:00	MW
7440-39-3	**Barium**	**139**		mg/kg dry	1.27	1.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:00	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.127	0.127	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:00	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.381	0.381	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:00	MW
7440-70-2	**Calcium**	**7710**		mg/kg dry	0.635	6.35	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:00	MW
7440-47-3	**Chromium**	**11.0**		mg/kg dry	0.635	0.635	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:00	MW
7440-48-4	**Cobalt**	**7.46**		mg/kg dry	0.635	0.635	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:00	MW
7440-50-8	**Copper**	**96.1**		mg/kg dry	0.635	0.635	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:00	MW
7439-89-6	**Iron**	**7700**		mg/kg dry	2.54	2.54	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:00	MW
7439-92-1	**Lead**	**247**		mg/kg dry	0.381	0.381	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:00	MW
7439-95-4	**Magnesium**	**769**		mg/kg dry	6.35	6.35	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:00	MW
7439-96-5	**Manganese**	**120**		mg/kg dry	0.635	0.635	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:00	MW
7440-02-0	**Nickel**	**16.6**		mg/kg dry	0.635	0.635	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:00	MW

Sample Information

Client Sample ID: SB01_2.5-3 **York Sample ID:** 15E0070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 10:30 am	05/02/2015

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**841**		mg/kg dry	6.35	6.35	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:00	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	**Selenium**	**3.26**		mg/kg dry	1.27	1.27	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:00	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.635	0.635	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:00	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**1170**		mg/kg dry	12.7	12.7	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:00	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.27	1.27	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:00	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**18.6**		mg/kg dry	1.27	1.27	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:00	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**126**		mg/kg dry	1.27	1.27	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:00	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Metals, TCLP RCRA

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

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**0.022**		mg/L	0.004	0.004	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:11	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.243**		mg/L	0.010	0.010	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:11	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:11	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:11	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.042**		mg/L	0.003	0.003	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:11	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**0.012**	M-SeTC	mg/L	0.010	0.010	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:11	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:11	MW
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.664**		mg/kg dry	0.0381	0.0381	1	EPA 7473	05/03/2015 07:58	05/03/2015 12:26	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury TCLP by 7473

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

Sample Prepared by Method: EPA 7473 water

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

Sample Information

Client Sample ID: SB01_2.5-3 **York Sample ID:** 15E0070-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 10:30 am	05/02/2015

Mercury TCLP by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7473/1311	05/04/2015 06:51	05/04/2015 12:07	ALD
								Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.7**		%	0.100	0.100	1	SM 2540G	05/04/2015 10:12	05/04/2015 14:24	SCA
								Certifications: CTDOH			

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	05/02/2015 16:29	05/04/2015 12:59	SCA
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB02_2.5-3 **York Sample ID:** 15E0070-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:20 am	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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	3.0	5.9	1	EPA 8260C	05/04/2015 07:53	05/04/2015 11:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	05/04/2015 07:53	05/04/2015 11:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	05/04/2015 07:53	05/04/2015 11:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	05/04/2015 07:53	05/04/2015 11:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	05/04/2015 07:53	05/04/2015 11:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	05/04/2015 07:53	05/04/2015 11:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	05/04/2015 07:53	05/04/2015 11:45	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB02_2.5-3 **York Sample ID:** 15E0070-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:20 am	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:45	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:45	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:45	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:45	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
67-64-1	**Acetone**	**12**	CCV-E, SCAL-E, J	ug/kg dry	5.9	12	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
71-43-2	Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:45	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 11:45	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:45	BK
75-25-2	Bromoform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:45	BK

Sample Information

Client Sample ID: SB02_2.5-3 **York Sample ID:** 15E0070-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:20 am	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
67-66-3	Chloroform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 NELAC-NY10854,NJDEP	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 NELAC-NY10854,NJDEP,PADEP	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 NELAC-NY10854,NJDEP	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 NELAC-NY10854,NJDEP	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 NELAC-NY10854,NJDEP	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 NELAC-NY10854,NJDEP	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 NELAC-NY10854,NJDEP	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854,NJDEP	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 11:45 CTDOH,NELAC-NY10854	BK

Sample Information

Client Sample ID: SB02_2.5-3 **York Sample ID:** 15E0070-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:20 am	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:45	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:45	BK
100-42-5	Styrene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:45	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:45	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:45	BK
127-18-4	**Tetrachloroethylene**	**200**	CCV-E	ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:45	BK
108-88-3	Toluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:45	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 11:45	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:45	BK
79-01-6	**Trichloroethylene**	**8.7**		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:45	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:45	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:45	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.9	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 11:45	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.1 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
83-32-9	**Acenaphthene**	**111**		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 18:59	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 18:59	KH
98-86-2	Acetophenone	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 18:59	KH
62-53-3	Aniline	ND		ug/kg dry	201	402	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 18:59	KH
120-12-7	**Anthracene**	**226**		ug/kg dry	50.4	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 18:59	KH

Sample Information

Client Sample ID: SB02_2.5-3 **York Sample ID:** 15E0070-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:20 am	05/02/2015

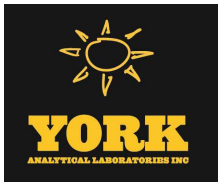
Semi-Volatiles, NJDEP/TCL/Part 375 List

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
1912-24-9	Atrazine	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:59	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:59	KH
92-87-5	Benzidine	ND		ug/kg dry	201	402	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854	05/03/2015 18:59	KH
56-55-3	**Benzo(a)anthracene**	**932**		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
50-32-8	**Benzo(a)pyrene**	**545**		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
205-99-2	**Benzo(b)fluoranthene**	**522**		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
191-24-2	**Benzo(g,h,i)perylene**	**149**	CCV-E	ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
65-85-0	Benzoic acid	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:59	KH
207-08-9	**Benzo(k)fluoranthene**	**557**		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
105-60-2	Caprolactam	ND		ug/kg dry	100	201	2	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:59	KH
86-74-8	**Carbazole**	**81.1**	J	ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH



Sample Information

Client Sample ID: **SB02_2.5-3** **York Sample ID:** **15E0070-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:20 am	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
218-01-9	**Chrysene**	**912**		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**78.7**	CCV-E, J	ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	NELAC-NY10854		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	NELAC-NY10854		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	NELAC-NY10854		
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	100	201	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	100	201	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	NELAC-NY10854,NJDEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1710**		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**73.9**	J	ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.4	100	2	EPA 8270D	05/03/2015 13:15	05/03/2015 18:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_2.5-3 **York Sample ID:** 15E0070-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:20 am	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**155**	CCV-E	ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP	KH
91-20-3	Naphthalene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	100	201	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	100	201	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	100	201	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	100	201	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**1020**		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**1600**		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	100	201	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 NELAC-NY10854,NJDEP	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	100	201	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:59 NELAC-NY10854,NJDEP	KH

Sample Information

Client Sample ID: SB02_2.5-3 **York Sample ID:** 15E0070-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:20 am	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:59	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.4	100	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:59	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*27.3 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*33.0 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*36.8 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*35.3 %*	*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*48.2 %*	*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*43.3 %*	*19-99*

Pesticides, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 NELAC-NY10854,NJDEP	05/04/2015 11:06	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 NELAC-NY10854,NJDEP	05/04/2015 11:06	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.95	7.95	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW

Sample Information

Client Sample ID: SB02_2.5-3 **York Sample ID:** 15E0070-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:20 am	05/02/2015

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
72-20-8	Endrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:06	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.99	1.99	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.94	9.94	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:06	JW
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:06	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*	*30-140*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.7 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:55	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:55	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:55	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:55	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:55	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:55	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 11:55	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A Certifications:	05/03/2015 13:18	05/04/2015 11:55	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.8 %*	*30-140*

Sample Information

Client Sample ID: SB02_2.5-3 **York Sample ID:** 15E0070-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:20 am	05/02/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4210**		mg/kg dry	6.02	6.02	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-36-0	**Antimony**	**1.31**		mg/kg dry	0.602	0.602	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**22.9**		mg/kg dry	1.20	1.20	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**141**		mg/kg dry	1.20	1.20	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.120	0.120	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.361	0.361	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**44900**		mg/kg dry	0.602	6.02	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-47-3	**Chromium**	**7.22**		mg/kg dry	0.602	0.602	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**3.31**		mg/kg dry	0.602	0.602	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-50-8	**Copper**	**100**		mg/kg dry	0.602	0.602	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-89-6	**Iron**	**11500**		mg/kg dry	2.41	2.41	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**304**		mg/kg dry	0.361	0.361	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4010**		mg/kg dry	6.02	6.02	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**170**		mg/kg dry	0.602	0.602	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	**Nickel**	**12.3**		mg/kg dry	0.602	0.602	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**980**		mg/kg dry	6.02	6.02	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	Selenium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.602	0.602	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**588**		mg/kg dry	12.0	12.0	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**14.0**		mg/kg dry	1.20	1.20	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**99.1**		mg/kg dry	1.20	1.20	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:04	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SB02_2.5-3 **York Sample ID:** 15E0070-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:20 am	05/02/2015

Metals, TCLP RCRA

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

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**0.037**		mg/L	0.004	0.004	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:31	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.221**		mg/L	0.010	0.010	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:31	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:31	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:31	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.015**		mg/L	0.003	0.003	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:31	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**0.017**	M-SeTC	mg/L	0.010	0.010	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:31	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:31	MW
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.914**		mg/kg dry	0.0361	0.0361	1	EPA 7473	05/03/2015 07:58	05/03/2015 12:38	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury TCLP by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7473/1311	05/04/2015 06:51	05/04/2015 12:07	ALD
								Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

Total Solids

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

Sample Prepared by Method: % Solids Prep

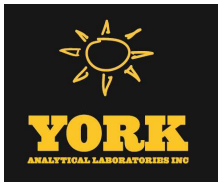
CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.0**		%	0.100	0.100	1	SM 2540G	05/04/2015 10:12	05/04/2015 14:24	SCA
								Certifications: CTDOH			

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	05/02/2015 16:29	05/04/2015 12:59	SCA
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			



Sample Information

Client Sample ID: **SB03_5-5.5** **York Sample ID:** **15E0070-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:50 am	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	71	140	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
78-93-3	**2-Butanone**	**4.3**	J	ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK

Sample Information

Client Sample ID: SB03_5-5.5 **York Sample ID:** 15E0070-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:50 am	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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**	**49**	CCV-E, SCAL-E	ug/kg dry	7.1	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
107-02-8	Acrolein	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
71-43-2	Benzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
75-25-2	Bromoform	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
67-66-3	Chloroform	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:21	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:21	BK

Sample Information

Client Sample ID: SB03_5-5.5 **York Sample ID:** 15E0070-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:50 am	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 12:21	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:21	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 12:21	BK
75-09-2	Methylene chloride	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:21	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:21	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:21	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854	05/04/2015 12:21	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854	05/04/2015 12:21	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:21	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:21	BK
100-42-5	Styrene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:21	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 12:21	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:21	BK
127-18-4	**Tetrachloroethylene**	**51**	CCV-E	ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:21	BK
108-88-3	Toluene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:21	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:21	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:21	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:21	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:21	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:21	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	21	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:21	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.9 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*76-130*

Sample Information

Client Sample ID: SB03_5-5.5 **York Sample ID:** 15E0070-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:50 am	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
83-32-9	Acenaphthene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
98-86-2	Acetophenone	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:26	KH
62-53-3	Aniline	ND		ug/kg dry	114	228	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
120-12-7	Anthracene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
1912-24-9	Atrazine	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:26	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:26	KH
92-87-5	Benzidine	ND		ug/kg dry	114	228	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854	05/03/2015 18:26	KH
56-55-3	**Benzo(a)anthracene**	**93.8**		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
50-32-8	**Benzo(a)pyrene**	**63.3**		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
205-99-2	**Benzo(b)fluoranthene**	**56.0**	J	ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
65-85-0	Benzoic acid	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:26	KH
207-08-9	**Benzo(k)fluoranthene**	**65.1**		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
105-60-2	Caprolactam	ND		ug/kg dry	57.0	114	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:26	KH
86-74-8	Carbazole	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH

Sample Information

Client Sample ID: SB03_5-5.5 **York Sample ID:** 15E0070-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:50 am	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**92.5**		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 NELAC-NY10854	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 NELAC-NY10854	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 NELAC-NY10854	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	57.0	114	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	57.0	114	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 NELAC-NY10854,NJDEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 18:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB03_5-5.5 **York Sample ID:** 15E0070-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:50 am	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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**	**215**		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-48-7	2-Methylphenol	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
91-20-3	Naphthalene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	57.0	114	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/kg dry	57.0	114	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	57.0	114	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/kg dry	57.0	114	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**133**		ug/kg dry	28.6	57.0	1	EPA 8270D	05/03/2015 13:15	05/03/2015 18:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_5-5.5 **York Sample ID:** 15E0070-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:50 am	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
129-00-0	**Pyrene**	**168**		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	57.0	114	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	57.0	114	1	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 18:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 18:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	28.6	57.0	1	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:26	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*1.53 %*	S-01	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*8.47 %*	S-01	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*43.9 %*		*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*34.6 %*		*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*1.29 %*	S-01	*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*35.6 %*		*19-99*

Pesticides, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 NELAC-NY10854,NJDEP	05/04/2015 11:20	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 NELAC-NY10854,NJDEP	05/04/2015 11:20	JW
57-74-9	Chlordane, total	ND		ug/kg dry	9.02	9.02	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW

Sample Information

Client Sample ID: SB03_5-5.5 **York Sample ID:** 15E0070-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:50 am	05/02/2015

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
72-20-8	Endrin	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:20	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.26	2.26	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
72-43-5	Methoxychlor	ND		ug/kg dry	11.3	11.3	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:20	JW
8001-35-2	Toxaphene	ND		ug/kg dry	114	114	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:20	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.4 %*	*30-140*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.9 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0228	0.0228	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:20	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0228	0.0228	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:20	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0228	0.0228	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:20	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0228	0.0228	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:20	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0228	0.0228	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:20	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0228	0.0228	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:20	AMC

Sample Information

Client Sample ID: SB03_5-5.5 **York Sample ID:** 15E0070-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:50 am	05/02/2015

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0228	0.0228	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/03/2015 13:18	05/04/2015 12:20	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0228	0.0228	1	EPA 8082A Certifications:	05/03/2015 13:18	05/04/2015 12:20	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.7 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9170**		mg/kg dry	6.83	6.83	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-36-0	Antimony	ND		mg/kg dry	0.683	0.683	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-38-2	**Arsenic**	**7.95**		mg/kg dry	1.37	1.37	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-39-3	**Barium**	**81.2**		mg/kg dry	1.37	1.37	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.137	0.137	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.410	0.410	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-70-2	**Calcium**	**130000**		mg/kg dry	0.683	6.83	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-47-3	**Chromium**	**8.86**		mg/kg dry	0.683	0.683	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-48-4	**Cobalt**	**3.97**		mg/kg dry	0.683	0.683	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-50-8	**Copper**	**12.6**		mg/kg dry	0.683	0.683	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW
7439-89-6	**Iron**	**10000**		mg/kg dry	2.73	2.73	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW
7439-92-1	**Lead**	**52.4**		mg/kg dry	0.410	0.410	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:09	MW
7439-95-4	**Magnesium**	**10500**		mg/kg dry	6.83	6.83	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW
7439-96-5	**Manganese**	**237**		mg/kg dry	0.683	0.683	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-02-0	**Nickel**	**9.45**		mg/kg dry	0.683	0.683	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-09-7	**Potassium**	**1380**		mg/kg dry	6.83	6.83	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW

Sample Information

Client Sample ID: SB03_5-5.5 **York Sample ID:** 15E0070-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:50 am	05/02/2015

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	1.37	1.37	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-22-4	Silver	ND		mg/kg dry	0.683	0.683	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-23-5	**Sodium**	**533**		mg/kg dry	13.7	13.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-28-0	Thallium	ND		mg/kg dry	1.37	1.37	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-62-2	**Vanadium**	**21.2**		mg/kg dry	1.37	1.37	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW
7440-66-6	**Zinc**	**28.1**		mg/kg dry	1.37	1.37	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:09	MW

Metals, TCLP RCRA

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

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:15	05/04/2015 13:36	MW
7440-39-3	**Barium**	**0.136**		mg/L	0.010	0.010	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:15	05/04/2015 13:36	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:15	05/04/2015 13:36	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:15	05/04/2015 13:36	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:15	05/04/2015 13:36	MW
7782-49-2	**Selenium**	**0.011**	M-SeTC	mg/L	0.010	0.010	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:15	05/04/2015 13:36	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:15	05/04/2015 13:36	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**4.67**		mg/kg dry	0.0410	0.0410	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/03/2015 07:58	05/03/2015 12:50	ALD

Mercury TCLP by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	05/04/2015 06:51	05/04/2015 12:07	ALD

Sample Information

Client Sample ID: SB03_5-5.5 **York Sample ID:** 15E0070-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 11:50 am	05/02/2015

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.2**		%	0.100	0.100	1	SM 2540G	05/04/2015 10:12	05/04/2015 14:24	SCA
								Certifications: CTDOH			

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	05/02/2015 16:29	05/04/2015 12:59	SCA
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB04_.5-1 **York Sample ID:** 15E0070-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 2:50 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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	2.5	5.0	1	EPA 8260C	05/04/2015 07:53	05/04/2015 12:58	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/04/2015 07:53	05/04/2015 12:58	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/04/2015 07:53	05/04/2015 12:58	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/04/2015 07:53	05/04/2015 12:58	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	**1,1,2-Trichloroethane**	**5.7**		ug/kg dry	2.5	5.0	1	EPA 8260C	05/04/2015 07:53	05/04/2015 12:58	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/04/2015 07:53	05/04/2015 12:58	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/04/2015 07:53	05/04/2015 12:58	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/04/2015 07:53	05/04/2015 12:58	BK
								Certifications: NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/04/2015 07:53	05/04/2015 12:58	BK
								Certifications: NELAC-NY10854,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/04/2015 07:53	05/04/2015 12:58	BK
								Certifications: NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SB04_.5-1 **York Sample ID:** 15E0070-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 2:50 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 NELAC-NY10854,NJDEP	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	BK
67-64-1	**Acetone**	**13**	CCV-E, SCAL-E	ug/kg dry	5.0	10	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	BK
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	BK
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 NELAC-NY10854,NJDEP	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53	05/04/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK

Sample Information

Client Sample ID: SB04_.5-1 **York Sample ID:** 15E0070-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 2:50 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:58	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:58	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:58	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:58	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:58	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:58	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:58	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:58	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854	05/04/2015 12:58	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854	05/04/2015 12:58	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:58	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	05/04/2015 07:53 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:58	BK

Sample Information

Client Sample ID: SB04_.5-1 **York Sample ID:** 15E0070-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 2:50 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:58	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:58	BK
127-18-4	**Tetrachloroethylene**	**230**	CCV-E, E	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:58	BK
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:58	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 12:58	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:58	BK
79-01-6	**Trichloroethylene**	**18**		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:58	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:58	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:58	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 12:58	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.2 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
83-32-9	**Acenaphthene**	**86.8**	J	ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 19:32	KH
62-53-3	Aniline	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
120-12-7	**Anthracene**	**226**		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 19:32	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 19:32	KH
92-87-5	Benzidine	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	05/03/2015 13:15	05/03/2015 19:32	KH

Sample Information

Client Sample ID: SB04_.5-1 **York Sample ID:** 15E0070-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 2:50 pm	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
56-55-3	**Benzo(a)anthracene**	**859**		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**370**		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**342**		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**122**	CCV-E	ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	NELAC-NY10854,NJDEP		
207-08-9	**Benzo(k)fluoranthene**	**350**		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	NELAC-NY10854,NJDEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	92.8	185	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	NELAC-NY10854,NJDEP		
86-74-8	**Carbazole**	**63.8**	J	ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**836**		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**61.6**	CCV-E, J	ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	05/03/2015 13:15	05/03/2015 19:32	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB04_.5-1 **York Sample ID:** 15E0070-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 2:50 pm	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854	05/03/2015 13:15	05/03/2015 19:32	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854	05/03/2015 13:15	05/03/2015 19:32	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854	05/03/2015 13:15	05/03/2015 19:32	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.8	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 19:32	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.8	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 19:32	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
206-44-0	**Fluoranthene**	**1490**		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
86-73-7	**Fluorene**	**64.6**	J	ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**128**	CCV-E	ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 19:32	KH

Sample Information

Client Sample ID: SB04_.5-1 **York Sample ID:** 15E0070-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 2:50 pm	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
78-59-1	Isophorone	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.8	185	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.8	185	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.8	185	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.8	185	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**861**		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**1350**		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.8	185	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 NELAC-NY10854,NJDEP	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.8	185	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 NELAC-NY10854,NJDEP	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 19:32 CTDOH,NELAC-NY10854,NJDEP	KH

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB04_.5-1 **York Sample ID:** 15E0070-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 2:50 pm	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
367-12-4	*Surrogate: 2-Fluorophenol*	*37.3 %*			*10-95*						
4165-62-2	*Surrogate: Phenol-d5*	*45.9 %*			*10-107*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*54.7 %*			*10-95*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*47.8 %*			*10-97*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*62.3 %*			*10-103*						
1718-51-0	*Surrogate: Terphenyl-d14*	*55.1 %*			*19-99*						

Pesticides, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 NELAC-NY10854,NJDEP	05/04/2015 11:49	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 NELAC-NY10854,NJDEP	05/04/2015 11:49	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.35	7.35	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW

Sample Information

Client Sample ID: SB04_.5-1 **York Sample ID:** 15E0070-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 2:50 pm	05/02/2015

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:49	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.18	9.18	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 11:49	JW
8001-35-2	Toxaphene	ND		ug/kg dry	93.0	93.0	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:49	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.9 %*	*30-140*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.6 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:08	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:08	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:08	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:08	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:08	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:08	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:08	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	05/03/2015 13:18	05/04/2015 12:08	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.9 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.1 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5350**		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications:	05/04/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 11:14	MW

Sample Information

Client Sample ID: SB04_.5-1 **York Sample ID:** 15E0070-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 2:50 pm	05/02/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-38-2	**Arsenic**	**4.83**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-39-3	**Barium**	**62.7**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.334	0.334	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-70-2	**Calcium**	**16400**		mg/kg dry	0.557	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-47-3	**Chromium**	**12.5**		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-48-4	**Cobalt**	**7.79**		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-50-8	**Copper**	**31.3**		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:14	MW
7439-89-6	**Iron**	**12300**		mg/kg dry	2.23	2.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:14	MW
7439-92-1	**Lead**	**109**		mg/kg dry	0.334	0.334	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:14	MW
7439-95-4	**Magnesium**	**5830**		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:14	MW
7439-96-5	**Manganese**	**259**		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-02-0	**Nickel**	**55.4**		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-09-7	**Potassium**	**1100**		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:14	MW
7782-49-2	**Selenium**	**1.48**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-22-4	Silver	ND		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-23-5	**Sodium**	**597**		mg/kg dry	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-62-2	**Vanadium**	**16.9**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:14	MW
7440-66-6	**Zinc**	**81.4**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:14	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB04_.5-1 **York Sample ID:** 15E0070-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 2:50 pm	05/02/2015

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:41	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.490**		mg/L	0.010	0.010	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:41	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:41	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:41	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.017**		mg/L	0.003	0.003	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:41	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**0.018**	M-SeTC	mg/L	0.010	0.010	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:41	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:41	MW
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.310**		mg/kg dry	0.0334	0.0334	1	EPA 7473	05/03/2015 07:58	05/03/2015 13:02	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury TCLP by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7473/1311	05/04/2015 06:51	05/04/2015 12:07	ALD
								Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.8**		%	0.100	0.100	1	SM 2540G	05/04/2015 10:12	05/04/2015 14:24	SCA
								Certifications: CTDOH			

TCLP Extraction for METALS EPA 1311

Log-in Notes: **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	05/02/2015 16:29	05/04/2015 12:59	SCA
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: **SB05_5-5.5** **York Sample ID:** **15E0070-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 3:00 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	5900	12000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
78-93-3	2-Butanone	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
591-78-6	2-Hexanone	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK

Sample Information

Client Sample ID: SB05_5-5.5 **York Sample ID:** 15E0070-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 3:00 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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	ND	SCAL-E	ug/kg dry	590	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
107-02-8	Acrolein	ND		ug/kg dry	590	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
71-43-2	Benzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
75-25-2	Bromoform	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
74-83-9	Bromomethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
75-00-3	Chloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
67-66-3	Chloroform	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
74-87-3	Chloromethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
110-82-7	Cyclohexane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
74-95-3	Dibromomethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK

Sample Information

Client Sample ID: SB05_5-5.5 **York Sample ID:** 15E0070-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 3:00 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
75-09-2	Methylene chloride	ND		ug/kg dry	590	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
95-47-6	o-Xylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/04/2015 07:53	05/04/2015 15:23	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	590	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/04/2015 07:53	05/04/2015 15:23	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
100-42-5	Styrene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
127-18-4	**Tetrachloroethylene**	**8600**	CCV-E	ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
108-88-3	Toluene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:53	05/04/2015 15:23	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
79-01-6	**Trichloroethylene**	**430**	J	ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	880	1800	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 07:53	05/04/2015 15:23	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.8 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*96.3 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*76-130*

Sample Information

Client Sample ID: **SB05_5-5.5** **York Sample ID:** **15E0070-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 3:00 pm	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
83-32-9	**Acenaphthene**	**1390**		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**74.7**	J	ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	NELAC-NY10854,NJDEP		
62-53-3	Aniline	ND		ug/kg dry	191	382	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**1430**		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	NELAC-NY10854,NJDEP		
100-52-7	Benzaldehyde	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	NELAC-NY10854,NJDEP		
92-87-5	Benzidine	ND		ug/kg dry	191	382	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854		
56-55-3	**Benzo(a)anthracene**	**2690**		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**861**		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**874**		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**477**	CCV-E	ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	NELAC-NY10854,NJDEP		
207-08-9	**Benzo(k)fluoranthene**	**1280**		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
92-52-4	**1,1'-Biphenyl**	**172**		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	NELAC-NY10854,NJDEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/kg dry	95.4	190	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	NELAC-NY10854,NJDEP		
86-74-8	**Carbazole**	**934**		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.8	95.4	2	EPA 8270D	05/03/2015 13:15	05/03/2015 20:05	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_5-5.5 **York Sample ID:** 15E0070-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 3:00 pm	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**2430**		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**176**	CCV-E	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	**Dibenzofuran**	**1030**		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 NELAC-NY10854	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 NELAC-NY10854	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 NELAC-NY10854	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.4	190	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.4	190	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15	05/03/2015 20:05 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB05_5-5.5 **York Sample ID:** 15E0070-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 3:00 pm	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 20:05	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
206-44-0	**Fluoranthene**	**10200**		ug/kg dry	239	477	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/04/2015 10:05	KH
86-73-7	**Fluorene**	**1250**		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**427**	CCV-E	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
78-59-1	Isophorone	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
91-57-6	**2-Methylnaphthalene**	**528**		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 20:05	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 20:05	KH
91-20-3	**Naphthalene**	**1040**		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 20:05	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.4	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.4	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.4	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.4	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 13:15	05/03/2015 20:05	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 20:05	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2015 13:15	05/03/2015 20:05	KH

Sample Information

Client Sample ID: SB05_5-5.5 **York Sample ID:** 15E0070-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 3:00 pm	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 20:05	KH
85-01-8	**Phenanthrene**	**10900**		ug/kg dry	239	477	10	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:05	KH
108-95-2	Phenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 20:05	KH
129-00-0	**Pyrene**	**7570**		ug/kg dry	239	477	10	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 10:05	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.4	190	2	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 20:05	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.4	190	2	EPA 8270D Certifications:	05/03/2015 13:15 NELAC-NY10854,NJDEP	05/03/2015 20:05	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 20:05	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2015 20:05	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	05/03/2015 13:15 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 20:05	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*37.8 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*44.8 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*54.0 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*49.7 %*	*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*56.8 %*	*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*66.0 %*	*19-99*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 NELAC-NY10854,NJDEP	05/04/2015 12:04	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 NELAC-NY10854,NJDEP	05/04/2015 12:04	JW

Sample Information

Client Sample ID: SB05_5-5.5 **York Sample ID:** 15E0070-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 3:00 pm	05/02/2015

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	7.55	7.55	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:04	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.43	9.43	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 12:04	JW
8001-35-2	Toxaphene	ND		ug/kg dry	95.5	95.5	5	EPA 8081B Certifications:	05/03/2015 13:18 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 12:04	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.1 %*	*30-140*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.4 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:26	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:26	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:26	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	05/03/2015 13:18 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2015 12:26	AMC

Sample Information

Client Sample ID: SB05_5-5.5 **York Sample ID:** 15E0070-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 3:00 pm	05/02/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/03/2015 13:18	05/04/2015 12:26	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/03/2015 13:18	05/04/2015 12:26	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/03/2015 13:18	05/04/2015 12:26	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	05/03/2015 13:18	05/04/2015 12:26	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4200**		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:44	MW
7440-36-0	Antimony	ND		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:44	MW
7440-38-2	**Arsenic**	**3.83**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:44	MW
7440-39-3	**Barium**	**36.0**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:44	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:44	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.343	0.343	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:44	MW
7440-70-2	**Calcium**	**56800**		mg/kg dry	0.572	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:44	MW
7440-47-3	**Chromium**	**8.13**		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:44	MW
7440-48-4	**Cobalt**	**5.33**		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:44	MW
7440-50-8	**Copper**	**15.0**		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:44	MW
7439-89-6	**Iron**	**9510**		mg/kg dry	2.29	2.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:44	MW
7439-92-1	**Lead**	**28.6**		mg/kg dry	0.343	0.343	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 08:09	05/04/2015 11:44	MW
7439-95-4	**Magnesium**	**2960**		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:44	MW
7439-96-5	**Manganese**	**186**		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 08:09	05/04/2015 11:44	MW

Sample Information

Client Sample ID: SB05_5-5.5 **York Sample ID:** 15E0070-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 3:00 pm	05/02/2015

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**16.8**		mg/kg dry	0.572	0.572	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:44	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1410**		mg/kg dry	5.72	5.72	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:44	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:44	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.572	0.572	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:44	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**303**		mg/kg dry	11.4	11.4	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:44	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:44	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**15.7**		mg/kg dry	1.14	1.14	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:44	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**38.4**		mg/kg dry	1.14	1.14	1	EPA 6010C	05/04/2015 08:09	05/04/2015 11:44	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Metals, TCLP RCRA

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

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:47	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.218**		mg/L	0.010	0.010	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:47	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:47	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:47	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:47	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**0.011**	M-SeTC	mg/L	0.010	0.010	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:47	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	05/04/2015 08:15	05/04/2015 13:47	MW
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.190**		mg/kg dry	0.0343	0.0343	1	EPA 7473	05/03/2015 07:58	05/03/2015 13:11	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury TCLP by 7473

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

Sample Information

Client Sample ID: SB05_5-5.5 **York Sample ID:** 15E0070-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Soil	May 2, 2015 3:00 pm	05/02/2015

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7473/1311	05/04/2015 06:51	05/04/2015 12:07	ALD
								Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.5**		%	0.100	0.100	1	SM 2540G	05/04/2015 10:12	05/04/2015 14:24	SCA
								Certifications: CTDOH			

TCLP Extraction for METALS EPA 1311 **Log-in Notes:** **Sample Notes:** EXT-Temp

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	05/02/2015 16:29	05/04/2015 12:59	SCA
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: TMW01_050215 **York Sample ID:** 15E0070-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 2:00 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List **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	05/04/2015 07:51	05/04/2015 13:05	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:05	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:05	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:05	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:05	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-34-3	**1,1-Dichloroethane**	**0.93**		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:05	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-35-4	**1,1-Dichloroethylene**	**0.23**	J	ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:05	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: TMW01_050215 **York Sample ID:** 15E0070-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 2:00 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
120-82-1	**1,2,4-Trichlorobenzene**	**0.24**	J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	05/04/2015 07:51 NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
110-82-7	**Cyclohexane**	**0.29**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
67-64-1	Acetone	ND	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
107-02-8	Acrolein	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
71-43-2	**Benzene**	**0.61**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS

Sample Information

Client Sample ID: TMW01_050215 **York Sample ID:** 15E0070-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 2:00 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
156-59-2	**cis-1,2-Dichloroethylene**	**100**		ug/L	2.0	5.0	10	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 15:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:05	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 NELAC-NY10854	05/04/2015 13:05	SS
87-61-6	**1,2,3-Trichlorobenzene**	**0.28**	B, J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51 NELAC-NY10854,NJDEP	05/04/2015 13:05	SS

Sample Information

Client Sample ID: TMW01_050215 **York Sample ID:** 15E0070-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 2:00 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/L	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854	05/04/2015 07:51	05/04/2015 13:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS
127-18-4	**Tetrachloroethylene**	**0.34**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS
156-60-5	**trans-1,2-Dichloroethylene**	**0.37**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS
79-01-6	**Trichloroethylene**	**0.22**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/04/2015 07:51	05/04/2015 13:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.9 %*	*79-122*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81-117*

Semi-Volatiles, NJDEP/TCL/Part 375 List

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	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2015 13:12	05/03/2015 18:36	KH
208-96-8	**Acenaphthylene**	**0.210**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2015 13:12	05/03/2015 18:36	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	05/03/2015 13:12	05/03/2015 19:07	SR
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	05/03/2015 13:12	05/03/2015 19:07	SR

Sample Information

Client Sample ID: TMW01_050215 **York Sample ID:** 15E0070-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 2:00 pm	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:36	KH
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	05/03/2015 13:12 NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:36	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:36	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:36	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:36	KH
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications:	05/03/2015 13:12 NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:36	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
92-52-4	1,1'-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR

Sample Information

Client Sample ID: TMW01_050215 **York Sample ID:** 15E0070-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 2:00 pm	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:36	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:36	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 NELAC-NY10854	05/03/2015 19:07	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 NELAC-NY10854	05/03/2015 19:07	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 NELAC-NY10854	05/03/2015 19:07	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.13**	B	ug/L	0.500	0.500	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:36	KH
206-44-0	**Fluoranthene**	**0.100**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:36	KH
86-73-7	**Fluorene**	**0.280**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12 NELAC-NY10854,NJDEP	05/03/2015 18:36	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 18:36	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR

Sample Information

Client Sample ID: TMW01_050215 **York Sample ID:** 15E0070-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 2:00 pm	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 18:36 CTDOH,NELAC-NY10854,NJDEP	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
91-20-3	**Naphthalene**	**0.160**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 18:36 CTDOH,NELAC-NY10854,NJDEP	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 18:36 CTDOH,NELAC-NY10854,NJDEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 18:36 CTDOH,NELAC-NY10854,NJDEP	KH
85-01-8	**Phenanthrene**	**0.0600**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 18:36 CTDOH,NELAC-NY10854,NJDEP	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 CTDOH,NELAC-NY10854,NJDEP	SR
129-00-0	**Pyrene**	**0.150**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 18:36 CTDOH,NELAC-NY10854,NJDEP	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 NELAC-NY10854,NJDEP	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12	05/03/2015 19:07 NELAC-NY10854,NJDEP	SR

Sample Information

Client Sample ID: TMW01_050215 **York Sample ID:** 15E0070-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 2:00 pm	05/02/2015

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/03/2015 13:12 CTDOH,NELAC-NY10854,NJDEP	05/03/2015 19:07	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*13.4 %*		*10-65*
4165-62-2	*Surrogate: Phenol-d5*	*7.87 %*	S-08	*10-49*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*35.7 %*		*10-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*38.0 %*		*10-93*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*47.9 %*		*10-128*
1718-51-0	*Surrogate: Terphenyl-d14*	*61.5 %*		*10-100*

Pesticides, NJDEP/TCL/Part 375 List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
319-84-6	alpha-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
319-85-7	beta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
319-86-8	delta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
57-74-9	Chlordane, total	ND		ug/L	0.0421	0.0421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
60-57-1	Dieldrin	ND		ug/L	0.00211	0.00211	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
959-98-8	Endosulfan I	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW

Sample Information

Client Sample ID: TMW01_050215 **York Sample ID:** 15E0070-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 2:00 pm	05/02/2015

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
72-20-8	Endrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
76-44-8	Heptachlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
72-43-5	Methoxychlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA 8081B Certifications:	05/04/2015 07:15 CTDOH,NELAC-NY10854,NJDEP	05/04/2015 13:04	JW

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.2 %*	*30-120*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.3 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications:	05/04/2015 07:15 NELAC-NY10854,CTDOH,NJDEP	05/04/2015 11:51	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications:	05/04/2015 07:15 NELAC-NY10854,CTDOH,NJDEP	05/04/2015 11:51	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications:	05/04/2015 07:15 NELAC-NY10854,CTDOH,NJDEP	05/04/2015 11:51	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications:	05/04/2015 07:15 NELAC-NY10854,CTDOH,NJDEP	05/04/2015 11:51	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications:	05/04/2015 07:15 NELAC-NY10854,CTDOH,NJDEP	05/04/2015 11:51	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications:	05/04/2015 07:15 NELAC-NY10854,CTDOH,NJDEP	05/04/2015 11:51	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications:	05/04/2015 07:15 NELAC-NY10854,CTDOH,NJDEP	05/04/2015 11:51	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications:	05/04/2015 07:15	05/04/2015 11:51	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.7 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.6 %*	*30-120*

Sample Information

Client Sample ID: **TMW01_050215** **York Sample ID:** **15E0070-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 2:00 pm	05/02/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.129**		mg/L	0.050	0.050	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-39-3	**Barium**	**0.133**		mg/L	0.010	0.010	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-70-2	**Calcium**	**127**		mg/L	0.050	0.050	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-50-8	**Copper**	**0.004**		mg/L	0.003	0.003	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-89-6	**Iron**	**6.10**		mg/L	0.020	0.020	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**0.004**		mg/L	0.003	0.003	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-95-4	**Magnesium**	**26.4**		mg/L	0.050	0.050	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**1.04**		mg/L	0.005	0.005	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-09-7	**Potassium**	**21.4**		mg/L	0.050	0.050	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	**Selenium**	**0.013**		mg/L	0.010	0.010	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-23-5	**Sodium**	**109**		mg/L	0.100	0.100	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**0.012**		mg/L	0.010	0.010	1	EPA 6010C	05/04/2015 08:32	05/04/2015 12:12	MW
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: TMW01_050215 **York Sample ID:** 15E0070-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 2:00 pm	05/02/2015

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2015 06:50	05/04/2015 12:06	ALD

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 15E0070-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 3:00 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	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: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **15E0070-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 3:00 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS NELAC-NY10854,NJDEP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS NELAC-NY10854,NJDEP
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
67-64-1	**Acetone**	**1.5**	SCAL-E, B, J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
107-02-8	Acrolein	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/04/2015 07:51	05/04/2015 13:38	SS CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **15E0070-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 3:00 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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**	**0.24**	J	ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	NELAC-NY10854,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	NELAC-NY10854,NJDEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-09-2	**Methylene chloride**	**1.6**	J	ug/L	1.0	2.0	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	NELAC-NY10854		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	NELAC-NY10854,NJDEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	2.0	4.0	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	NELAC-NY10854		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.80	2.0	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/04/2015 07:51	05/04/2015 13:38	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **15E0070-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0070	170362501	Water	May 2, 2015 3:00 pm	05/02/2015

Volatile Organics, NJDEP/TCL/Part 375 List

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: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/04/2015 07:51	05/04/2015 13:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.9 %*	*79-122*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81-117*

Analytical Batch Summary

Batch ID: BE50079 **Preparation Method:** EPA SW 846-1311 TCLP ext. for meta **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-01	SB01_2.5-3	05/02/15
15E0070-02	SB02_2.5-3	05/02/15
15E0070-03	SB03_5-5.5	05/02/15
15E0070-04	SB04_.5-1	05/02/15
15E0070-05	SB05_5-5.5	05/02/15
BE50079-BLK1	Blank	05/02/15

Batch ID: BE50080 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-01	SB01_2.5-3	05/03/15
15E0070-02	SB02_2.5-3	05/03/15
15E0070-03	SB03_5-5.5	05/03/15
15E0070-04	SB04_.5-1	05/03/15
15E0070-05	SB05_5-5.5	05/03/15
BE50080-BLK1	Blank	05/03/15
BE50080-SRM1	Reference	05/03/15

Batch ID: BE50083 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-06	TMW01_050215	05/03/15
BE50083-BLK1	Blank	05/03/15
BE50083-BS1	LCS	05/03/15
BE50083-BS2	LCS	05/03/15
BE50083-BSD1	LCS Dup	05/03/15

Batch ID: BE50084 **Preparation Method:** EPA 3550C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-01	SB01_2.5-3	05/03/15
15E0070-02	SB02_2.5-3	05/03/15
15E0070-03	SB03_5-5.5	05/03/15
15E0070-04	SB04_.5-1	05/03/15
15E0070-05	SB05_5-5.5	05/03/15
BE50084-BLK1	Blank	05/03/15
BE50084-BS1	LCS	05/03/15
BE50084-BSD1	LCS Dup	05/03/15
BE50084-MS1	Matrix Spike	05/03/15

Batch ID: BE50085 **Preparation Method:** EPA 3550C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date

15E0070-01	SB01_2.5-3	05/03/15
15E0070-01	SB01_2.5-3	05/03/15
15E0070-02	SB02_2.5-3	05/03/15
15E0070-02	SB02_2.5-3	05/03/15
15E0070-03	SB03_5-5.5	05/03/15
15E0070-03	SB03_5-5.5	05/03/15
15E0070-04	SB04_.5-1	05/03/15
15E0070-04	SB04_.5-1	05/03/15
15E0070-05	SB05_5-5.5	05/03/15
15E0070-05	SB05_5-5.5	05/03/15
BE50085-BLK1	Blank	05/03/15
BE50085-BLK1	Blank	05/03/15
BE50085-BS1	LCS	05/03/15
BE50085-BS2	LCS	05/03/15
BE50085-BSD1	LCS Dup	05/03/15
BE50085-MS1	Matrix Spike	05/03/15

Batch ID: BE50094 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-06	TMW01_050215	05/04/15
BE50094-BLK1	Blank	05/04/15
BE50094-SRM1	Reference	05/04/15

Batch ID: BE50095 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-01	SB01_2.5-3	05/04/15
15E0070-02	SB02_2.5-3	05/04/15
15E0070-03	SB03_5-5.5	05/04/15
15E0070-04	SB04_.5-1	05/04/15
15E0070-05	SB05_5-5.5	05/04/15
BE50095-BLK1	Blank	05/04/15
BE50095-SRM1	Reference	05/04/15

Batch ID: BE50097 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-06	TMW01_050215	05/04/15
15E0070-06	TMW01_050215	05/04/15
BE50097-BLK1	Blank	05/04/15
BE50097-BLK1	Blank	05/04/15
BE50097-BS1	LCS	05/04/15
BE50097-BS2	LCS	05/04/15
BE50097-BSD1	LCS Dup	05/04/15
BE50097-BSD2	LCS Dup	05/04/15

Batch ID: BE50101 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-01	SB01_2.5-3	05/04/15
15E0070-02	SB02_2.5-3	05/04/15
15E0070-03	SB03_5-5.5	05/04/15
15E0070-04	SB04_.5-1	05/04/15
15E0070-05	SB05_5-5.5	05/04/15
BE50101-BLK1	Blank	05/04/15
BE50101-DUP1	Duplicate	05/04/15
BE50101-MS1	Matrix Spike	05/04/15
BE50101-SRM1	Reference	05/04/15

Batch ID: BE50103 **Preparation Method:** EPA 3010A/1311 **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-01	SB01_2.5-3	05/04/15
15E0070-02	SB02_2.5-3	05/04/15
15E0070-03	SB03_5-5.5	05/04/15
15E0070-04	SB04_.5-1	05/04/15
15E0070-05	SB05_5-5.5	05/04/15
BE50103-BLK1	Blank	05/04/15
BE50103-BLK2	Blank	05/04/15
BE50103-DUP1	Duplicate	05/04/15
BE50103-MS1	Matrix Spike	05/04/15
BE50103-SRM1	Reference	05/04/15

Batch ID: BE50108 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-06	TMW01_050215	05/04/15
BE50108-BLK1	Blank	05/04/15
BE50108-DUP1	Duplicate	05/04/15
BE50108-MS1	Matrix Spike	05/04/15
BE50108-SRM1	Reference	05/04/15

Batch ID: BE50111 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-06	TMW01_050215	05/04/15
15E0070-06RE1	TMW01_050215	05/04/15
15E0070-07	Trip Blank	05/04/15
BE50111-BLK1	Blank	05/04/15
BE50111-BS1	LCS	05/04/15
BE50111-BSD1	LCS Dup	05/04/15

Batch ID: BE50113 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-01	SB01_2.5-3	05/04/15
15E0070-02	SB02_2.5-3	05/04/15

15E0070-03	SB03_5-5.5	05/04/15
15E0070-04	SB04_.5-1	05/04/15
15E0070-04RE1	SB04_.5-1	05/04/15
15E0070-05	SB05_5-5.5	05/04/15
BE50113-BLK1	Blank	05/04/15
BE50113-BS1	LCS	05/04/15
BE50113-BSD1	LCS Dup	05/04/15

Batch ID: BE50118 **Preparation Method:** % Solids Prep **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
15E0070-01	SB01_2.5-3	05/04/15
15E0070-02	SB02_2.5-3	05/04/15
15E0070-03	SB03_5-5.5	05/04/15
15E0070-04	SB04_.5-1	05/04/15
15E0070-05	SB05_5-5.5	05/04/15
BE50118-DUP1	Duplicate	05/04/15

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 BE50111 - EPA 5030B											
Blank (BE50111-BLK1)											Prepared & Analyzed: 05/04/2015
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	"								
Bromochloromethane	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.92	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	0.22	0.50	"								
1,4-Dichlorobenzene	0.27	0.50	"								
1,4-Dioxane	ND	80	"								
Cyclohexane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.5	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	1.4	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	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Hexachlorobutadiene	0.63	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

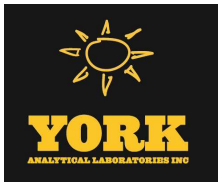
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50111 - EPA 5030B											
Blank (BE50111-BLK1)								Prepared & Analyzed: 05/04/2015			
o-Xylene	ND	0.50	ug/L								
1,2,3-Trichlorobenzene	1.4	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	*9.91*		*"*	*10.0*		*99.1*	*69-130*				
Surrogate: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*79-122*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
LCS (BE50111-BS1)								Prepared & Analyzed: 05/04/2015			
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		109	82-126				
1,1,1-Trichloroethane	11		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.9		"	10.0		99.0	54-165				
1,1,2-Trichloroethane	9.8		"	10.0		97.5	82-123				
1,1-Dichloroethane	11		"	10.0		107	82-129				
1,1-Dichloroethylene	10		"	10.0		102	68-138				
Bromochloromethane	11		"	10.0		110	77-128				
1,2,3-Trichloropropane	11		"	10.0		105	77-128				
1,2,4-Trichlorobenzene	11		"	10.0		110	76-137				
1,2,4-Trimethylbenzene	11		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	8.4		"	10.0		83.9	45-147				
1,2-Dibromoethane	10		"	10.0		105	83-124				
1,2-Dichlorobenzene	11		"	10.0		111	79-123				
1,2-Dichloroethane	10		"	10.0		104	73-132				
1,2-Dichloropropane	10		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		111	80-131				
1,3-Dichlorobenzene	11		"	10.0		114	86-122				
1,4-Dichlorobenzene	11		"	10.0		114	85-124				
1,4-Dioxane	220		"	200		110	10-349				
Cyclohexane	21		"	10.0		209	63-149	High Bias			
2-Butanone	9.4		"	10.0		94.5	49-152				
2-Hexanone	9.6		"	10.0		96.0	51-146				
4-Methyl-2-pentanone	14		"	10.0		136	57-145				
Acetone	7.6		"	10.0		75.7	14-150				
Acrolein	8.2		"	10.0		82.0	10-153				
Acrylonitrile	9.3		"	10.0		93.3	51-150				
Benzene	10		"	10.0		104	85-126				
Bromodichloromethane	10		"	10.0		104	79-128				
Bromoform	11		"	10.0		113	78-133				
Bromomethane	8.6		"	10.0		86.4	43-168				

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 BE50111 - EPA 5030B											
LCS (BE50111-BS1)								Prepared & Analyzed: 05/04/2015			
Carbon disulfide	9.2		ug/L	10.0		92.3	68-146				
Carbon tetrachloride	11		"	10.0		105	77-141				
Chlorobenzene	10		"	10.0		104	88-120				
Chloroethane	9.6		"	10.0		95.6	65-136				
Chloroform	10		"	10.0		102	82-128				
Chloromethane	8.6		"	10.0		85.5	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		112	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		102	80-131				
Dibromochloromethane	11		"	10.0		107	80-130				
Dibromomethane	10		"	10.0		103	72-134				
Dichlorodifluoromethane	7.3		"	10.0		72.6	44-144				
Ethyl Benzene	10		"	10.0		105	80-131				
Methylcyclohexane	10		"	10.0		103	72-143				
Hexachlorobutadiene	12		"	10.0		118	67-146				
Isopropylbenzene	11		"	10.0		114	76-140				
Methyl acetate	9.7		"	10.0		97.3	51-139				
Methyl tert-butyl ether (MTBE)	7.8		"	10.0		78.4	76-135				
Methylene chloride	10		"	10.0		105	55-137				
n-Butylbenzene	11		"	10.0		107	79-132				
n-Propylbenzene	11		"	10.0		113	78-133				
o-Xylene	11		"	10.0		105	78-130				
1,2,3-Trichlorobenzene	11		"	10.0		108	76-136				
p- & m- Xylenes	21		"	20.0		105	77-133				
p-Isopropyltoluene	11		"	10.0		107	81-136				
sec-Butylbenzene	11		"	10.0		108	79-137				
Styrene	11		"	10.0		107	67-132				
tert-Butyl alcohol (TBA)	8.8		"	10.0		88.5	25-162				
tert-Butylbenzene	11		"	10.0		111	77-138				
Tetrachloroethylene	12		"	10.0		118	82-131				
Toluene	11		"	10.0		109	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	9.5		"	10.0		95.2	78-131				
Trichloroethylene	11		"	10.0		106	82-128				
Trichlorofluoromethane	10		"	10.0		104	67-139				
Vinyl Chloride	8.9		"	10.0		89.2	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.72*		*"*	*10.0*		*97.2*	*69-130*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81-117*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50111 - EPA 5030B											
LCS Dup (BE50111-BSD1)								Prepared & Analyzed: 05/04/2015			
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		114	82-126		4.85	30	
1,1,1-Trichloroethane	11		"	10.0		108	78-136		2.35	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		105	76-129		3.40	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165		3.08	30	
1,1,2-Trichloroethane	9.7		"	10.0		96.9	82-123		0.617	30	
1,1-Dichloroethane	11		"	10.0		109	82-129		1.48	30	
1,1-Dichloroethylene	11		"	10.0		108	68-138		5.64	30	
Bromochloromethane	11		"	10.0		113	77-128		2.06	30	
1,2,3-Trichloropropane	11		"	10.0		110	77-128		4.46	30	
1,2,4-Trichlorobenzene	11		"	10.0		113	76-137		2.60	30	
1,2,4-Trimethylbenzene	11		"	10.0		106	82-132		1.77	30	
1,2-Dibromo-3-chloropropane	8.6		"	10.0		86.4	45-147		2.94	30	
1,2-Dibromoethane	11		"	10.0		107	83-124		1.98	30	
1,2-Dichlorobenzene	11		"	10.0		115	79-123		3.64	30	
1,2-Dichloroethane	11		"	10.0		107	73-132		2.56	30	
1,2-Dichloropropane	10		"	10.0		105	78-126		1.05	30	
1,3,5-Trimethylbenzene	11		"	10.0		107	80-131		3.39	30	
1,3-Dichlorobenzene	12		"	10.0		116	86-122		2.18	30	
1,4-Dichlorobenzene	11		"	10.0		114	85-124		0.175	30	
1,4-Dioxane	190		"	200		96.7	10-349		12.9	30	
Cyclohexane	22		"	10.0		224	63-149	High Bias	7.11	30	
2-Butanone	8.6		"	10.0		85.6	49-152		9.88	30	
2-Hexanone	9.8		"	10.0		98.3	51-146		2.37	30	
4-Methyl-2-pentanone	15		"	10.0		147	57-145	High Bias	7.55	30	
Acetone	6.8		"	10.0		67.9	14-150		10.9	30	
Acrolein	7.7		"	10.0		77.3	10-153		5.90	30	
Acrylonitrile	10		"	10.0		100	51-150		7.33	30	
Benzene	10		"	10.0		104	85-126		0.480	30	
Bromodichloromethane	11		"	10.0		105	79-128		1.24	30	
Bromoform	12		"	10.0		121	78-133		6.57	30	
Bromomethane	9.6		"	10.0		96.0	43-168		10.5	30	
Carbon disulfide	9.7		"	10.0		97.0	68-146		4.97	30	
Carbon tetrachloride	11		"	10.0		108	77-141		2.16	30	
Chlorobenzene	11		"	10.0		109	88-120		4.03	30	
Chloroethane	10		"	10.0		101	65-136		5.49	30	
Chloroform	10		"	10.0		102	82-128		0.0979	30	
Chloromethane	8.9		"	10.0		88.8	43-155		3.79	30	
cis-1,2-Dichloroethylene	11		"	10.0		111	83-129		0.537	30	
cis-1,3-Dichloropropylene	10		"	10.0		102	80-131		0.195	30	
Dibromochloromethane	11		"	10.0		107	80-130		0.281	30	
Dibromomethane	11		"	10.0		110	72-134		6.56	30	
Dichlorodifluoromethane	7.6		"	10.0		76.0	44-144		4.58	30	
Ethyl Benzene	11		"	10.0		106	80-131		0.948	30	
Methylcyclohexane	10		"	10.0		105	72-143		1.93	30	
Hexachlorobutadiene	12		"	10.0		116	67-146		0.940	30	
Isopropylbenzene	11		"	10.0		114	76-140		0.263	30	
Methyl acetate	9.9		"	10.0		99.1	51-139		1.83	30	
Methyl tert-butyl ether (MTBE)	8.0		"	10.0		80.3	76-135		2.39	30	
Methylene chloride	11		"	10.0		107	55-137		1.51	30	
n-Butylbenzene	11		"	10.0		106	79-132		0.470	30	
n-Propylbenzene	11		"	10.0		112	78-133		1.42	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

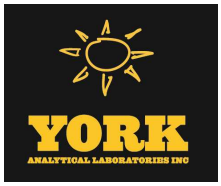
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50111 - EPA 5030B											
LCS Dup (BE50111-BSD1)								Prepared & Analyzed: 05/04/2015			
o-Xylene	10		ug/L	10.0		105	78-130		0.285	30	
1,2,3-Trichlorobenzene	11		"	10.0		113	76-136		4.88	30	
p- & m- Xylenes	21		"	20.0		105	77-133		0.0476	30	
p-Isopropyltoluene	11		"	10.0		110	81-136		2.21	30	
sec-Butylbenzene	11		"	10.0		110	79-137		1.93	30	
Styrene	10		"	10.0		103	67-132		3.53	30	
tert-Butyl alcohol (TBA)	9.2		"	10.0		91.9	25-162		3.77	30	
tert-Butylbenzene	11		"	10.0		108	77-138		3.19	30	
Tetrachloroethylene	11		"	10.0		114	82-131		3.43	30	
Toluene	11		"	10.0		110	80-127		0.824	30	
trans-1,2-Dichloroethylene	11		"	10.0		109	80-132		1.66	30	
trans-1,3-Dichloropropylene	10		"	10.0		99.5	78-131		4.42	30	
Trichloroethylene	11		"	10.0		107	82-128		1.03	30	
Trichlorofluoromethane	11		"	10.0		106	67-139		1.90	30	
Vinyl Chloride	9.1		"	10.0		91.2	58-145		2.22	30	
Surrogate: 1,2-Dichloroethane-d4	*9.50*		*"*	*10.0*		*95.0*	*69-130*				
Surrogate: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Batch BE50113 - EPA 5035A											
Blank (BE50113-BLK1)								Prepared & Analyzed: 05/04/2015			
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	"								

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 BE50113 - EPA 5035A											
Blank (BE50113-BLK1)											Prepared & Analyzed: 05/04/2015
Bromomethane	ND	5.0	ug/kg wet								
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	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	*48.0*		*ug/L*	*50.0*		*96.1*	*77-125*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.4*		*"*	*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 BE50113 - EPA 5035A											
LCS (BE50113-BS1)								Prepared & Analyzed: 05/04/2015			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	75-129				
1,1,1-Trichloroethane	54		"	50.0		108	71-137				
1,1,2,2-Tetrachloroethane	36		"	50.0		71.3	79-129	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		104	58-146				
1,1,2-Trichloroethane	50		"	50.0		99.6	83-123				
1,1-Dichloroethane	51		"	50.0		102	75-130				
1,1-Dichloroethylene	48		"	50.0		95.9	64-137				
1,2,3-Trichlorobenzene	67		"	50.0		134	81-140				
1,2,3-Trichloropropane	48		"	50.0		96.3	81-126				
1,2,4-Trichlorobenzene	68		"	50.0		136	80-141				
1,2,4-Trimethylbenzene	48		"	50.0		96.8	84-125				
1,2-Dibromo-3-chloropropane	46		"	50.0		91.6	74-142				
1,2-Dibromoethane	52		"	50.0		103	86-123				
1,2-Dichlorobenzene	52		"	50.0		103	85-122				
1,2-Dichloroethane	49		"	50.0		97.3	71-133				
1,2-Dichloropropane	45		"	50.0		89.5	81-122				
1,3,5-Trimethylbenzene	48		"	50.0		96.1	82-126				
1,3-Dichlorobenzene	52		"	50.0		103	84-124				
1,4-Dichlorobenzene	53		"	50.0		106	84-124				
1,4-Dioxane	1100		"	1000		114	10-228				
2-Butanone	49		"	50.0		97.7	58-147				
2-Hexanone	44		"	50.0		87.4	70-139				
4-Methyl-2-pentanone	42		"	50.0		83.6	72-132				
Acetone	52		"	50.0		104	36-155				
Acrolein	28		"	50.0		55.1	10-238				
Acrylonitrile	52		"	50.0		105	66-141				
Benzene	55		"	50.0		109	77-127				
Bromochloromethane	48		"	50.0		95.9	74-129				
Bromodichloromethane	48		"	50.0		96.8	81-124				
Bromoform	56		"	50.0		111	80-136				
Bromomethane	44		"	50.0		88.2	32-177				
Carbon disulfide	48		"	50.0		95.0	10-136				
Carbon tetrachloride	55		"	50.0		111	66-143				
Chlorobenzene	52		"	50.0		103	86-120				
Chloroethane	46		"	50.0		92.8	51-142				
Chloroform	56		"	50.0		112	76-131				
Chloromethane	38		"	50.0		76.7	49-132				
cis-1,2-Dichloroethylene	59		"	50.0		117	74-132				
cis-1,3-Dichloropropylene	49		"	50.0		98.9	81-129				
Cyclohexane	47		"	50.0		93.9	70-130				
Dibromochloromethane	52		"	50.0		105	10-200				
Dibromomethane	50		"	50.0		99.9	83-124				
Dichlorodifluoromethane	39		"	50.0		78.4	28-158				
Ethyl Benzene	49		"	50.0		98.9	84-125				
Hexachlorobutadiene	57		"	50.0		114	83-133				
Isopropylbenzene	48		"	50.0		96.4	81-127				
Methyl acetate	47		"	50.0		94.8	41-143				
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	74-131				
Methylcyclohexane	49		"	50.0		97.3	70-130				
Methylene chloride	48		"	50.0		96.6	57-141				
n-Butylbenzene	49		"	50.0		98.2	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 BE50113 - EPA 5035A											
LCS (BE50113-BS1)								Prepared & Analyzed: 05/04/2015			
n-Propylbenzene	47		ug/L	50.0		94.8	74-136				
o-Xylene	49		"	50.0		97.5	83-123				
p- & m- Xylenes	98		"	100		97.8	82-128				
p-Isopropyltoluene	49		"	50.0		97.7	85-125				
sec-Butylbenzene	48		"	50.0		96.5	83-125				
Styrene	52		"	50.0		103	86-126				
tert-Butyl alcohol (TBA)	60		"	50.0		120	70-130				
tert-Butylbenzene	49		"	50.0		97.1	80-127				
Tetrachloroethylene	80		"	50.0		159	80-129	High Bias			
Toluene	49		"	50.0		98.7	85-121				
trans-1,2-Dichloroethylene	49		"	50.0		98.6	72-132				
trans-1,3-Dichloropropylene	48		"	50.0		95.6	78-132				
Trichloroethylene	57		"	50.0		113	84-123				
Trichlorofluoromethane	52		"	50.0		105	62-140				
Vinyl Chloride	47		"	50.0		94.5	52-130				
Surrogate: 1,2-Dichloroethane-d4	*47.2*		*"*	*50.0*		*94.3*	*77-125*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*54.0*		*"*	*50.0*		*108*	*76-130*				
LCS Dup (BE50113-BSD1)								Prepared & Analyzed: 05/04/2015			
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		103	75-129		0.486	30	
1,1,1-Trichloroethane	55		"	50.0		110	71-137		1.32	30	
1,1,2,2-Tetrachloroethane	34		"	50.0		67.7	79-129	Low Bias	5.15	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		101	58-146		2.64	30	
1,1,2-Trichloroethane	48		"	50.0		96.0	83-123		3.62	30	
1,1-Dichloroethane	50		"	50.0		101	75-130		1.01	30	
1,1-Dichloroethylene	47		"	50.0		93.1	64-137		2.98	30	
1,2,3-Trichlorobenzene	66		"	50.0		131	81-140		2.51	30	
1,2,3-Trichloropropane	45		"	50.0		89.4	81-126		7.52	30	
1,2,4-Trichlorobenzene	65		"	50.0		131	80-141		3.89	30	
1,2,4-Trimethylbenzene	47		"	50.0		94.0	84-125		2.98	30	
1,2-Dibromo-3-chloropropane	42		"	50.0		83.4	74-142		9.42	30	
1,2-Dibromoethane	51		"	50.0		102	86-123		1.58	30	
1,2-Dichlorobenzene	50		"	50.0		101	85-122		2.00	30	
1,2-Dichloroethane	48		"	50.0		95.4	71-133		1.97	30	
1,2-Dichloropropane	45		"	50.0		90.8	81-122		1.44	30	
1,3,5-Trimethylbenzene	47		"	50.0		94.0	82-126		2.21	30	
1,3-Dichlorobenzene	50		"	50.0		99.9	84-124		3.17	30	
1,4-Dichlorobenzene	51		"	50.0		102	84-124		3.49	30	
1,4-Dioxane	990		"	1000		99.1	10-228		14.1	30	
2-Butanone	38		"	50.0		76.1	58-147		24.8	30	
2-Hexanone	38		"	50.0		76.5	70-139		13.3	30	
4-Methyl-2-pentanone	39		"	50.0		77.1	72-132		7.99	30	
Acetone	36		"	50.0		71.3	36-155		37.1	30	Non-dir.
Acrolein	29		"	50.0		58.5	10-238		5.88	30	
Acrylonitrile	48		"	50.0		95.3	66-141		9.36	30	
Benzene	54		"	50.0		108	77-127		1.09	30	
Bromochloromethane	47		"	50.0		94.8	74-129		1.15	30	
Bromodichloromethane	49		"	50.0		97.5	81-124		0.700	30	
Bromoform	53		"	50.0		106	80-136		5.07	30	
Bromomethane	46		"	50.0		92.5	32-177		4.76	30	
Carbon disulfide	47		"	50.0		93.1	10-136		1.98	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 BE50113 - EPA 5035A											
LCS Dup (BE50113-BSD1)								Prepared & Analyzed: 05/04/2015			
Carbon tetrachloride	54		ug/L	50.0		108	66-143		2.27	30	
Chlorobenzene	51		"	50.0		102	86-120		1.05	30	
Chloroethane	48		"	50.0		96.3	51-142		3.66	30	
Chloroform	55		"	50.0		109	76-131		2.04	30	
Chloromethane	38		"	50.0		76.0	49-132		0.891	30	
cis-1,2-Dichloroethylene	58		"	50.0		117	74-132		0.445	30	
cis-1,3-Dichloropropylene	48		"	50.0		96.7	81-129		2.27	30	
Cyclohexane	47		"	50.0		94.9	70-130		1.06	30	
Dibromochloromethane	52		"	50.0		103	10-200		1.38	30	
Dibromomethane	49		"	50.0		97.9	83-124		2.06	30	
Dichlorodifluoromethane	37		"	50.0		74.5	28-158		5.21	30	
Ethyl Benzene	49		"	50.0		98.7	84-125		0.243	30	
Hexachlorobutadiene	57		"	50.0		114	83-133		0.667	30	
Isopropylbenzene	48		"	50.0		95.6	81-127		0.812	30	
Methyl acetate	50		"	50.0		100	41-143		5.66	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		107	74-131		4.63	30	
Methylcyclohexane	49		"	50.0		97.6	70-130		0.246	30	
Methylene chloride	49		"	50.0		97.2	57-141		0.619	30	
n-Butylbenzene	49		"	50.0		98.1	80-130		0.102	30	
n-Propylbenzene	47		"	50.0		94.1	74-136		0.699	30	
o-Xylene	49		"	50.0		97.8	83-123		0.287	30	
p- & m- Xylenes	98		"	100		98.0	82-128		0.266	30	
p-Isopropyltoluene	48		"	50.0		96.2	85-125		1.57	30	
sec-Butylbenzene	48		"	50.0		95.5	83-125		1.00	30	
Styrene	51		"	50.0		102	86-126		1.03	30	
tert-Butyl alcohol (TBA)	53		"	50.0		105	70-130		12.9	30	
tert-Butylbenzene	48		"	50.0		95.9	80-127		1.26	30	
Tetrachloroethylene	77		"	50.0		154	80-129	High Bias	3.68	30	
Toluene	49		"	50.0		98.6	85-121		0.0811	30	
trans-1,2-Dichloroethylene	49		"	50.0		97.5	72-132		1.12	30	
trans-1,3-Dichloropropylene	47		"	50.0		93.3	78-132		2.37	30	
Trichloroethylene	56		"	50.0		112	84-123		0.957	30	
Trichlorofluoromethane	52		"	50.0		104	62-140		0.268	30	
Vinyl Chloride	46		"	50.0		93.0	52-130		1.60	30	
Surrogate: 1,2-Dichloroethane-d4	*47.3*		*"*	*50.0*		*94.6*	*77-125*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*53.3*		*"*	*50.0*		*107*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

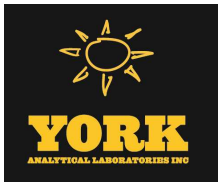
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50083 - EPA 3510C											
Blank (BE50083-BLK1)											
Prepared & Analyzed: 05/03/2015											
Acenaphthene	ND	0.0500	ug/L								
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	"								
Benzoic acid	ND	50.0	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
1,1'-Biphenyl	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	1.67	0.500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

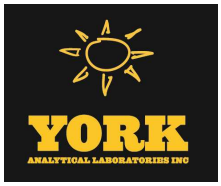
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50083 - EPA 3510C											
Blank (BE50083-BLK1)											Prepared & Analyzed: 05/03/2015
Hexachlorocyclopentadiene	ND	5.00	ug/L								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Naphthalene	ND	0.0500	"								
3-Nitroaniline	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	0.250	"								
4-Nitrophenol	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
Surrogate: 2-Fluorophenol	*13.9*		*"*	*75.1*		*18.5*	*10-65*				
Surrogate: Phenol-d5	*9.05*		*"*	*75.0*		*12.1*	*10-49*				
Surrogate: Nitrobenzene-d5	*23.4*		*"*	*50.2*		*46.7*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*25.3*		*"*	*50.0*		*50.6*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*39.2*		*"*	*75.2*		*52.2*	*10-128*				
Surrogate: Terphenyl-d14	*38.6*		*"*	*50.1*		*77.1*	*10-100*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

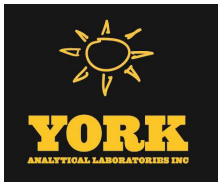
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50083 - EPA 3510C											
LCS (BE50083-BS1)								Prepared & Analyzed: 05/03/2015			
Acenaphthene	31.7	0.0500	ug/L	50.0		63.3	24-114				
Acenaphthylene	29.7	0.0500	"	50.0		59.5	26-112				
Acetophenone	23.7	5.00	"	50.0		47.3	47-92				
Aniline	18.6	5.00	"	50.0		37.2	10-107				
Anthracene	32.5	0.0500	"	50.0		65.1	35-114				
Atrazine	28.8	0.500	"	50.0		57.7	43-101				
Benzaldehyde	20.6	5.00	"	50.0		41.2	17-117				
Benzo(a)anthracene	32.0	0.0500	"	50.0		64.0	38-127				
Benzo(a)pyrene	33.2	0.0500	"	50.0		66.5	30-146				
Benzo(b)fluoranthene	34.2	0.0500	"	50.0		68.5	36-145				
Benzo(g,h,i)perylene	34.7	0.0500	"	50.0		69.4	10-163				
Benzoic acid	ND	50.0	"	50.0			30-130	Low Bias			
Benzo(k)fluoranthene	28.3	0.0500	"	50.0		56.5	16-149				
Benzyl alcohol	15.1	5.00	"	50.0		30.2	18-75				
Benzyl butyl phthalate	24.5	5.00	"	50.0		49.1	28-129				
1,1'-Biphenyl	25.2	5.00	"				21-102				
4-Bromophenyl phenyl ether	31.2	5.00	"	50.0		62.4	38-116				
Caprolactam	4.50	5.00	"	50.0		9.00	10-29	Low Bias			
Carbazole	37.6	5.00	"	50.0		75.1	49-116				
4-Chloro-3-methylphenol	24.9	5.00	"	50.0		49.7	28-101				
4-Chloroaniline	37.2	5.00	"	50.0		74.4	10-154				
Bis(2-chloroethoxy)methane	27.6	5.00	"	50.0		55.2	27-112				
Bis(2-chloroethyl)ether	20.9	5.00	"	50.0		41.8	24-114				
Bis(2-chloroisopropyl)ether	24.3	5.00	"	50.0		48.5	21-124				
2-Chloronaphthalene	27.9	5.00	"	50.0		55.8	40-96				
2-Chlorophenol	17.5	5.00	"	50.0		35.0	35-84				
4-Chlorophenyl phenyl ether	29.2	5.00	"	50.0		58.3	34-112				
Chrysene	30.9	0.0500	"	50.0		61.8	33-120				
Dibenzo(a,h)anthracene	36.0	0.0500	"	50.0		72.0	10-149				
Dibenzofuran	31.0	5.00	"	50.0		61.9	42-105				
Di-n-butyl phthalate	28.1	5.00	"	50.0		56.2	36-110				
1,4-Dichlorobenzene	17.8	5.00	"	50.0		35.6	42-82	Low Bias			
1,2-Dichlorobenzene	19.3	5.00	"	50.0		38.7	42-85	Low Bias			
1,3-Dichlorobenzene	20.1	5.00	"	50.0		40.1	45-80	Low Bias			
3,3'-Dichlorobenzidine	43.4	5.00	"	50.0		86.7	25-155				
2,4-Dichlorophenol	27.2	5.00	"	50.0		54.5	43-92				
Diethyl phthalate	26.8	5.00	"	50.0		53.6	38-112				
2,4-Dimethylphenol	24.3	5.00	"	50.0		48.6	25-92				
Dimethyl phthalate	27.7	5.00	"	50.0		55.4	49-106				
4,6-Dinitro-2-methylphenol	39.8	5.00	"	50.0		79.6	10-135				
2,4-Dinitrophenol	21.6	5.00	"	50.0		43.3	10-149				
2,4-Dinitrotoluene	35.1	5.00	"	50.0		70.1	41-114				
2,6-Dinitrotoluene	31.4	5.00	"	50.0		62.9	49-106				
Di-n-octyl phthalate	27.3	5.00	"	50.0		54.7	12-149				
1,2-Diphenylhydrazine (as Azobenzene)	27.0	5.00	"	50.0		53.9	16-137				
Bis(2-ethylhexyl)phthalate	29.0	0.500	"	50.0		58.1	10-171				
Fluoranthene	31.2	0.0500	"	50.0		62.3	33-126				
Fluorene	31.8	0.0500	"	50.0		63.6	28-117				
Hexachlorobenzene	24.8	0.0200	"	50.0		49.5	27-120				
Hexachlorobutadiene	21.2	0.500	"	50.0		42.4	25-106				
Hexachlorocyclopentadiene	6.89	5.00	"	50.0		13.8	10-99				



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 BE50083 - EPA 3510C											
LCS (BE50083-BS1)								Prepared & Analyzed: 05/03/2015			
Hexachloroethane	15.9	0.500	ug/L	50.0		31.8	33-84	Low Bias			
Indeno(1,2,3-cd)pyrene	33.8	0.0500	"	50.0		67.5	10-150				
Isophorone	24.9	5.00	"	50.0		49.8	29-115				
2-Methylnaphthalene	24.8	5.00	"	50.0		49.5	33-101				
2-Methylphenol	14.7	5.00	"	50.0		29.4	10-90				
3- & 4-Methylphenols	12.8	5.00	"	50.0		25.6	10-101				
Naphthalene	25.0	0.0500	"	50.0		50.0	30-99				
3-Nitroaniline	38.4	5.00	"	50.0		76.9	29-128				
4-Nitroaniline	47.3	5.00	"	50.0		94.6	15-143				
2-Nitroaniline	35.1	5.00	"	50.0		70.1	31-122				
Nitrobenzene	22.6	0.250	"	50.0		45.1	32-113				
4-Nitrophenol	20.3	5.00	"	50.0		40.5	10-112				
2-Nitrophenol	26.4	5.00	"	50.0		52.8	37-97				
N-nitroso-di-n-propylamine	21.0	5.00	"	50.0		42.1	36-118				
N-Nitrosodimethylamine	7.70	0.500	"	50.0		15.4	10-63				
N-Nitrosodiphenylamine	41.0	5.00	"	50.0		82.0	27-145				
Pentachlorophenol	26.9	0.250	"	50.0		53.8	19-127				
Phenanthrene	34.6	0.0500	"	50.0		69.3	31-112				
Phenol	7.63	5.00	"	50.0		15.3	10-37				
Pyrene	27.8	0.0500	"	50.0		55.5	42-125				
1,2,4,5-Tetrachlorobenzene	23.9	5.00	"	50.0		47.8	28-105				
2,3,4,6-Tetrachlorophenol	49.1	5.00	"	50.0		98.3	30-130				
1,2,4-Trichlorobenzene	23.5	5.00	"	50.0		47.0	35-91				
2,4,6-Trichlorophenol	29.2	5.00	"	50.0		58.3	41-107				
2,4,5-Trichlorophenol	27.8	5.00	"	50.0		55.5	36-112				
Surrogate: 2-Fluorophenol	*14.9*		"	*75.1*		*19.8*	*10-65*				
Surrogate: Phenol-d5	*10.1*		"	*75.0*		*13.5*	*10-49*				
Surrogate: Nitrobenzene-d5	*23.0*		"	*50.2*		*45.8*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*28.4*		"	*50.0*		*56.8*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*48.3*		"	*75.2*		*64.2*	*10-128*				
Surrogate: Terphenyl-d14	*32.5*		"	*50.1*		*64.9*	*10-100*				



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 BE50083 - EPA 3510C											
LCS (BE50083-BS2)							Prepared & Analyzed: 05/03/2015				
Acenaphthene	0.450	0.0500	ug/L	1.00		45.0	24-114				
Acenaphthylene	0.470	0.0500	"	1.00		47.0	26-112				
Acetophenone	ND	5.00	"				47-92				
Aniline	ND	5.00	"				10-107				
Anthracene	0.540	0.0500	"	1.00		54.0	35-114				
Atrazine	ND	0.500	"				43-101				
Benzaldehyde	ND	5.00	"				17-117				
Benzo(a)anthracene	0.510	0.0500	"	1.00		51.0	38-127				
Benzo(a)pyrene	0.570	0.0500	"	1.00		57.0	30-146				
Benzo(b)fluoranthene	0.440	0.0500	"	1.00		44.0	36-145				
Benzo(g,h,i)perylene	0.540	0.0500	"	1.00		54.0	10-163				
Benzoic acid	ND	50.0	"				30-130				
Benzo(k)fluoranthene	0.740	0.0500	"	1.00		74.0	16-149				
Benzyl alcohol	ND	5.00	"				18-75				
Benzyl butyl phthalate	ND	5.00	"				28-129				
1,1'-Biphenyl	ND	5.00	"				21-102				
4-Bromophenyl phenyl ether	ND	5.00	"				38-116				
Caprolactam	ND	5.00	"				10-29				
Carbazole	ND	5.00	"				49-116				
4-Chloro-3-methylphenol	ND	5.00	"				28-101				
4-Chloroaniline	ND	5.00	"				10-154				
Bis(2-chloroethoxy)methane	ND	5.00	"				27-112				
Bis(2-chloroethyl)ether	ND	5.00	"				24-114				
Bis(2-chloroisopropyl)ether	ND	5.00	"				21-124				
2-Chloronaphthalene	ND	5.00	"				40-96				
2-Chlorophenol	ND	5.00	"				35-84				
4-Chlorophenyl phenyl ether	ND	5.00	"				34-112				
Chrysene	0.620	0.0500	"	1.00		62.0	33-120				
Dibenzo(a,h)anthracene	0.570	0.0500	"	1.00		57.0	10-149				
Dibenzofuran	ND	5.00	"				42-105				
Di-n-butyl phthalate	ND	5.00	"				36-110				
1,4-Dichlorobenzene	ND	5.00	"				42-82				
1,2-Dichlorobenzene	ND	5.00	"				42-85				
1,3-Dichlorobenzene	ND	5.00	"				45-80				
3,3'-Dichlorobenzidine	ND	5.00	"				25-155				
2,4-Dichlorophenol	ND	5.00	"				43-92				
Diethyl phthalate	ND	5.00	"				38-112				
2,4-Dimethylphenol	ND	5.00	"				25-92				
Dimethyl phthalate	ND	5.00	"				49-106				
4,6-Dinitro-2-methylphenol	ND	5.00	"				10-135				
2,4-Dinitrophenol	ND	5.00	"				10-149				
2,4-Dinitrotoluene	ND	5.00	"				41-114				
2,6-Dinitrotoluene	ND	5.00	"				49-106				
Di-n-octyl phthalate	ND	5.00	"				12-149				
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"				16-137				
Bis(2-ethylhexyl)phthalate	1.19	0.500	"				10-171				
Fluoranthene	0.570	0.0500	"	1.00		57.0	33-126				
Fluorene	0.460	0.0500	"	1.00		46.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachlorocyclopentadiene	ND	5.00	"				10-99				

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 BE50083 - EPA 3510C											
LCS (BE50083-BS2)							Prepared & Analyzed: 05/03/2015				
Hexachloroethane	ND	0.500	ug/L				33-84				
Indeno(1,2,3-cd)pyrene	0.570	0.0500	"	1.00		57.0	10-150				
Isophorone	ND	5.00	"				29-115				
2-Methylnaphthalene	ND	5.00	"				33-101				
2-Methylphenol	ND	5.00	"				10-90				
3- & 4-Methylphenols	ND	5.00	"				10-101				
Naphthalene	0.450	0.0500	"	1.00		45.0	30-99				
3-Nitroaniline	ND	5.00	"				29-128				
4-Nitroaniline	ND	5.00	"				15-143				
2-Nitroaniline	ND	5.00	"				31-122				
Nitrobenzene	ND	0.250	"				32-113				
4-Nitrophenol	ND	5.00	"				10-112				
2-Nitrophenol	ND	5.00	"				37-97				
N-nitroso-di-n-propylamine	ND	5.00	"				36-118				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
N-Nitrosodiphenylamine	ND	5.00	"				27-145				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.410	0.0500	"	1.00		41.0	31-112				
Phenol	ND	5.00	"				10-37				
Pyrene	0.580	0.0500	"	1.00		58.0	42-125				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				28-105				
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130				
1,2,4-Trichlorobenzene	ND	5.00	"				35-91				
2,4,6-Trichlorophenol	ND	5.00	"				41-107				
2,4,5-Trichlorophenol	ND	5.00	"				36-112				
Surrogate: 2-Fluorophenol	*0.00*		"	*75.1*			*10-65*				
Surrogate: Phenol-d5	*0.00*		"	*75.0*			*10-49*				
Surrogate: Nitrobenzene-d5	*0.00*		"	*50.2*			*10-96*				
Surrogate: 2-Fluorobiphenyl	*0.00*		"	*50.0*			*10-93*				
Surrogate: 2,4,6-Tribromophenol	*0.00*		"	*75.2*			*10-128*				
Surrogate: Terphenyl-d14	*0.00*		"	*50.1*			*10-100*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE50083 - EPA 3510C

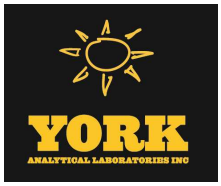
LCS Dup (BE50083-BSD1) Prepared & Analyzed: 05/03/2015

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Acenaphthene	34.7	0.0500	ug/L	50.0		69.3	24-114		9.02	20	
Acenaphthylene	32.1	0.0500	"	50.0		64.1	26-112		7.54	20	
Acetophenone	26.7	5.00	"	50.0		53.4	47-92		12.0	20	
Aniline	20.3	5.00	"	50.0		40.6	10-107		8.68	20	
Anthracene	34.3	0.0500	"	50.0		68.7	35-114		5.38	20	
Atrazine	30.5	0.500	"	50.0		61.0	43-101		5.59	20	
Benzaldehyde	23.5	5.00	"	50.0		47.0	17-117		13.3	20	
Benzo(a)anthracene	32.0	0.0500	"	50.0		64.1	38-127		0.0937	20	
Benzo(a)pyrene	34.3	0.0500	"	50.0		68.7	30-146		3.26	20	
Benzo(b)fluoranthene	33.8	0.0500	"	50.0		67.6	36-145		1.29	20	
Benzo(g,h,i)perylene	37.3	0.0500	"	50.0		74.5	10-163		7.17	20	
Benzoic acid	ND	50.0	"	50.0			30-130	Low Bias		20	
Benzo(k)fluoranthene	27.6	0.0500	"	50.0		55.2	16-149		2.36	20	
Benzyl alcohol	17.0	5.00	"	50.0		34.0	18-75		11.9	20	
Benzyl butyl phthalate	24.5	5.00	"	50.0		49.0	28-129		0.163	20	
1,1'-Biphenyl	27.6	5.00	"				21-102		9.13	20	
4-Bromophenyl phenyl ether	33.4	5.00	"	50.0		66.9	38-116		6.99	20	
Caprolactam	4.94	5.00	"	50.0		9.88	10-29	Low Bias	9.32	20	
Carbazole	39.4	5.00	"	50.0		78.8	49-116		4.81	20	
4-Chloro-3-methylphenol	27.2	5.00	"	50.0		54.3	28-101		8.81	20	
4-Chloroaniline	40.9	5.00	"	50.0		81.8	10-154		9.40	20	
Bis(2-chloroethoxy)methane	31.7	5.00	"	50.0		63.3	27-112		13.7	20	
Bis(2-chloroethyl)ether	24.3	5.00	"	50.0		48.5	24-114		15.0	20	
Bis(2-chloroisopropyl)ether	27.8	5.00	"	50.0		55.7	21-124		13.7	20	
2-Chloronaphthalene	29.9	5.00	"	50.0		59.8	40-96		6.96	20	
2-Chlorophenol	20.2	5.00	"	50.0		40.4	35-84		14.2	20	
4-Chlorophenyl phenyl ether	32.7	5.00	"	50.0		65.3	34-112		11.4	20	
Chrysene	31.6	0.0500	"	50.0		63.1	33-120		2.08	20	
Dibenzo(a,h)anthracene	40.6	0.0500	"	50.0		81.1	10-149		12.0	20	
Dibenzofuran	33.3	5.00	"	50.0		66.6	42-105		7.34	20	
Di-n-butyl phthalate	29.8	5.00	"	50.0		59.6	36-110		5.87	20	
1,4-Dichlorobenzene	21.1	5.00	"	50.0		42.2	42-82		16.8	20	
1,2-Dichlorobenzene	22.4	5.00	"	50.0		44.8	42-85		14.6	20	
1,3-Dichlorobenzene	22.6	5.00	"	50.0		45.2	45-80		12.0	20	
3,3'-Dichlorobenzidine	44.6	5.00	"	50.0		89.3	25-155		2.91	20	
2,4-Dichlorophenol	30.8	5.00	"	50.0		61.5	43-92		12.1	20	
Diethyl phthalate	29.0	5.00	"	50.0		58.0	38-112		7.81	20	
2,4-Dimethylphenol	27.0	5.00	"	50.0		54.0	25-92		10.6	20	
Dimethyl phthalate	29.2	5.00	"	50.0		58.4	49-106		5.41	20	
4,6-Dinitro-2-methylphenol	44.8	5.00	"	50.0		89.5	10-135		11.8	20	
2,4-Dinitrophenol	24.1	5.00	"	50.0		48.3	10-149		11.0	20	
2,4-Dinitrotoluene	37.7	5.00	"	50.0		75.5	41-114		7.34	20	
2,6-Dinitrotoluene	33.7	5.00	"	50.0		67.3	49-106		6.85	20	
Di-n-octyl phthalate	27.5	5.00	"	50.0		54.9	12-149		0.438	20	
1,2-Diphenylhydrazine (as Azobenzene)	28.7	5.00	"	50.0		57.3	16-137		6.08	20	
Bis(2-ethylhexyl)phthalate	58.4	0.500	"	50.0		117	10-171		67.2	20	Non-dir.
Fluoranthene	34.3	0.0500	"	50.0		68.5	33-126		9.51	20	
Fluorene	34.7	0.0500	"	50.0		69.3	28-117		8.57	20	
Hexachlorobenzene	25.9	0.0200	"	50.0		51.8	27-120		4.42	20	
Hexachlorobutadiene	23.3	0.500	"	50.0		46.5	25-106		9.31	20	
Hexachlorocyclopentadiene	9.91	5.00	"	50.0		19.8	10-99		36.0	20	Non-dir.

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 BE50083 - EPA 3510C											
LCS Dup (BE50083-BSD1)								Prepared & Analyzed: 05/03/2015			
Hexachloroethane	18.4	0.500	ug/L	50.0		36.8	33-84		14.7	20	
Indeno(1,2,3-cd)pyrene	37.3	0.0500	"	50.0		74.6	10-150		9.88	20	
Isophorone	27.5	5.00	"	50.0		55.0	29-115		9.85	20	
2-Methylnaphthalene	27.5	5.00	"	50.0		54.9	33-101		10.3	20	
2-Methylphenol	17.1	5.00	"	50.0		34.1	10-90		15.0	20	
3- & 4-Methylphenols	14.9	5.00	"	50.0		29.7	10-101		14.8	20	
Naphthalene	27.6	0.0500	"	50.0		55.3	30-99		10.1	20	
3-Nitroaniline	40.6	5.00	"	50.0		81.2	29-128		5.54	20	
4-Nitroaniline	49.4	5.00	"	50.0		98.8	15-143		4.39	20	
2-Nitroaniline	38.4	5.00	"	50.0		76.9	31-122		9.19	20	
Nitrobenzene	25.6	0.250	"	50.0		51.3	32-113		12.7	20	
4-Nitrophenol	ND	5.00	"	50.0			10-112	Low Bias		20	
2-Nitrophenol	29.0	5.00	"	50.0		57.9	37-97		9.21	20	
N-nitroso-di-n-propylamine	23.8	5.00	"	50.0		47.7	36-118		12.5	20	
N-Nitrosodimethylamine	8.44	0.500	"	50.0		16.9	10-63		9.17	20	
N-Nitrosodiphenylamine	44.5	5.00	"	50.0		89.0	27-145		8.19	20	
Pentachlorophenol	27.8	0.250	"	50.0		55.7	19-127		3.32	20	
Phenanthrene	36.8	0.0500	"	50.0		73.6	31-112		6.07	20	
Phenol	8.89	5.00	"	50.0		17.8	10-37		15.3	20	
Pyrene	28.8	0.0500	"	50.0		57.5	42-125		3.47	20	
1,2,4,5-Tetrachlorobenzene	25.9	5.00	"	50.0		51.8	28-105		8.07	20	
2,3,4,6-Tetrachlorophenol	52.9	5.00	"	50.0		106	30-130		7.31	20	
1,2,4-Trichlorobenzene	25.8	5.00	"	50.0		51.6	35-91		9.33	20	
2,4,6-Trichlorophenol	32.2	5.00	"	50.0		64.4	41-107		9.88	20	
2,4,5-Trichlorophenol	30.6	5.00	"	50.0		61.3	36-112		9.90	20	
Surrogate: 2-Fluorophenol	*19.6*		"	*75.1*		*26.2*	*10-65*				
Surrogate: Phenol-d5	*11.2*		"	*75.0*		*14.9*	*10-49*				
Surrogate: Nitrobenzene-d5	*24.3*		"	*50.2*		*48.4*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*30.5*		"	*50.0*		*61.0*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*48.1*		"	*75.2*		*64.0*	*10-128*				
Surrogate: Terphenyl-d14	*31.0*		"	*50.1*		*61.8*	*10-100*				



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 BE50084 - EPA 3550C											
Blank (BE50084-BLK1)											
Prepared & Analyzed: 05/03/2015											
Acenaphthene	ND	41.7	ug/kg wet								
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	"								
Benzoic acid	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Benzyl alcohol	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
1,1'-Biphenyl	ND	41.7	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
Caprolactam	ND	83.3	"								
Carbazole	ND	41.7	"								
4-Chloro-3-methylphenol	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Chlorophenol	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
1,2-Dichlorobenzene	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								
3,3'-Dichlorobenzidine	ND	41.7	"								
2,4-Dichlorophenol	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
2,4-Dimethylphenol	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
4,6-Dinitro-2-methylphenol	ND	83.3	"								
2,4-Dinitrophenol	ND	83.3	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								

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 BE50084 - EPA 3550C											
Blank (BE50084-BLK1)											Prepared & Analyzed: 05/03/2015
Hexachlorocyclopentadiene	ND	41.7	ug/kg wet								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
Naphthalene	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
2-Nitroaniline	ND	83.3	"								
3-Nitroaniline	ND	83.3	"								
Nitrobenzene	ND	41.7	"								
2-Nitrophenol	ND	41.7	"								
4-Nitrophenol	ND	83.3	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
1,2,4,5-Tetrachlorobenzene	ND	83.3	"								
2,3,4,6-Tetrachlorophenol	ND	83.3	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4,5-Trichlorophenol	ND	41.7	"								
Surrogate: 2-Fluorophenol	*1260*		*"*	*2500*		*50.5*	*10-95*				
Surrogate: Phenol-d5	*1300*		*"*	*2500*		*52.1*	*10-107*				
Surrogate: Nitrobenzene-d5	*961*		*"*	*1670*		*57.5*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*765*		*"*	*1670*		*45.9*	*10-97*				
Surrogate: 2,4,6-Tribromophenol	*1770*		*"*	*2510*		*70.5*	*10-103*				
Surrogate: Terphenyl-d14	*842*		*"*	*1670*		*50.4*	*19-99*				

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 BE50084 - EPA 3550C											
LCS (BE50084-BS1)							Prepared & Analyzed: 05/03/2015				
Acenaphthene	1130	41.7	ug/kg wet	1670		67.7	17-124				
Acenaphthylene	1110	41.7	"	1670		66.6	16-124				
Acetophenone	1410	41.7	"	1670		84.6	28-105				
Aniline	1440	167	"	1670		86.6	10-111				
Anthracene	1010	41.7	"	1670		60.7	24-124				
Atrazine	1200	41.7	"	1670		72.2	22-120				
Benzaldehyde	1310	41.7	"	1670		78.4	21-100				
Benzo(a)anthracene	1340	41.7	"	1670		80.2	25-134				
Benzo(a)pyrene	1740	41.7	"	1670		104	29-144				
Benzo(b)fluoranthene	1400	41.7	"	1670		84.2	20-151				
Benzo(g,h,i)perylene	359	41.7	"	1670		21.6	10-153				
Benzoic acid	68.7	41.7	"	1670		4.12	10-116	Low Bias			
Benzo(k)fluoranthene	1230	41.7	"	1670		73.6	10-148				
Benzyl alcohol	1300	41.7	"	1670		77.8	17-128				
Benzyl butyl phthalate	1540	41.7	"	1670		92.4	10-132				
1,1'-Biphenyl	1060	41.7	"				22-103				
4-Bromophenyl phenyl ether	1180	41.7	"	1670		70.9	30-138				
Caprolactam	1380	83.3	"	1670		82.6	10-123				
Carbazole	1190	41.7	"	1670		71.4	31-120				
4-Chloro-3-methylphenol	1340	41.7	"	1670		80.2	16-138				
4-Chloroaniline	1490	41.7	"	1670		89.2	10-117				
Bis(2-chloroethoxy)methane	1410	41.7	"	1670		84.5	10-129				
Bis(2-chloroethyl)ether	1420	41.7	"	1670		85.4	14-125				
Bis(2-chloroisopropyl)ether	1470	41.7	"	1670		88.4	14-122				
2-Chloronaphthalene	1090	41.7	"	1670		65.3	22-115				
2-Chlorophenol	1240	41.7	"	1670		74.5	25-121				
4-Chlorophenyl phenyl ether	1020	41.7	"	1670		61.0	18-132				
Chrysene	1480	41.7	"	1670		88.6	24-116				
Dibenzo(a,h)anthracene	491	41.7	"	1670		29.5	17-147				
Dibenzofuran	1030	41.7	"	1670		61.9	23-123				
Di-n-butyl phthalate	1100	41.7	"	1670		66.2	19-123				
1,2-Dichlorobenzene	1180	41.7	"	1670		70.5	26-113				
1,3-Dichlorobenzene	1200	41.7	"	1670		72.0	32-113				
1,4-Dichlorobenzene	1200	41.7	"	1670		72.2	28-111				
3,3'-Dichlorobenzidine	1740	41.7	"	1670		105	10-147				
2,4-Dichlorophenol	1030	41.7	"	1670		61.7	23-133				
Diethyl phthalate	1260	41.7	"	1670		75.3	23-122				
2,4-Dimethylphenol	1090	41.7	"	1670		65.5	15-131				
Dimethyl phthalate	1370	41.7	"	1670		82.2	28-127				
4,6-Dinitro-2-methylphenol	1400	83.3	"	1670		83.8	10-149				
2,4-Dinitrophenol	2500	83.3	"	1670		150	10-149	High Bias			
2,4-Dinitrotoluene	1560	41.7	"	1670		93.5	30-123				
2,6-Dinitrotoluene	1420	41.7	"	1670		85.4	30-125				
Di-n-octyl phthalate	1180	41.7	"	1670		70.6	10-132				
1,2-Diphenylhydrazine (as Azobenzene)	1350	41.7	"	1670		80.9	10-140				
Bis(2-ethylhexyl)phthalate	1340	41.7	"	1670		80.5	10-141				
Fluoranthene	1130	41.7	"	1670		67.8	36-125				
Fluorene	1060	41.7	"	1670		63.3	16-130				
Hexachlorobenzene	1150	41.7	"	1670		69.3	10-129				
Hexachlorobutadiene	1090	41.7	"	1670		65.1	22-153				
Hexachlorocyclopentadiene	896	41.7	"	1670		53.8	10-134				

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 BE50084 - EPA 3550C											
LCS (BE50084-BS1)								Prepared & Analyzed: 05/03/2015			
Hexachloroethane	1260	41.7	ug/kg wet	1670		75.7	20-112				
Indeno(1,2,3-cd)pyrene	465	41.7	"	1670		27.9	10-155				
Isophorone	1420	41.7	"	1670		85.0	14-131				
2-Methylnaphthalene	1000	41.7	"	1670		60.3	16-127				
2-Methylphenol	1140	41.7	"	1670		68.2	10-146				
3- & 4-Methylphenols	1160	41.7	"	1670		69.6	20-109				
Naphthalene	1080	41.7	"	1670		65.0	20-121				
4-Nitroaniline	63.0	83.3	"	1670		3.78	14-125	Low Bias			
2-Nitroaniline	1380	83.3	"	1670		83.1	24-126				
3-Nitroaniline	1410	83.3	"	1670		84.9	23-123				
Nitrobenzene	1340	41.7	"	1670		80.5	20-121				
2-Nitrophenol	1130	41.7	"	1670		68.0	17-129				
4-Nitrophenol	1520	83.3	"	1670		91.0	10-136				
N-nitroso-di-n-propylamine	1520	41.7	"	1670		91.3	21-119				
N-Nitrosodimethylamine	985	41.7	"	1670		59.1	10-124				
N-Nitrosodiphenylamine	1070	41.7	"	1670		64.5	10-163				
Pentachlorophenol	1540	41.7	"	1670		92.3	10-143				
Phenanthrene	1120	41.7	"	1670		67.4	24-123				
Phenol	1220	41.7	"	1670		73.2	15-123				
Pyrene	1460	41.7	"	1670		87.8	24-132				
1,2,4,5-Tetrachlorobenzene	1120	83.3	"	1670		67.1	10-144				
2,3,4,6-Tetrachlorophenol	1310	83.3	"	1670		78.7	30-130				
1,2,4-Trichlorobenzene	1050	41.7	"	1670		62.9	23-130				
2,4,6-Trichlorophenol	1140	41.7	"	1670		68.5	27-122				
2,4,5-Trichlorophenol	1180	41.7	"	1670		70.9	14-138				
Surrogate: 2-Fluorophenol	*1650*		"	*2500*		*65.8*	*10-95*				
Surrogate: Phenol-d5	*1540*		"	*2500*		*61.8*	*10-107*				
Surrogate: Nitrobenzene-d5	*1210*		"	*1670*		*72.2*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*860*		"	*1670*		*51.6*	*10-97*				
Surrogate: 2,4,6-Tribromophenol	*2060*		"	*2510*		*82.4*	*30-130*				
Surrogate: Terphenyl-d14	*1340*		"	*1670*		*80.3*	*19-99*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE50084 - EPA 3550C

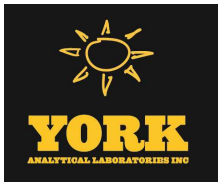
LCS Dup (BE50084-BSD1) Prepared & Analyzed: 05/03/2015

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Acenaphthene	881	41.7	ug/kg wet	1670		52.8	17-124		24.6	30	
Acenaphthylene	855	41.7	"	1670		51.3	16-124		25.9	30	
Acetophenone	998	41.7	"	1670		59.9	28-105		34.2	30	Non-dir.
Aniline	1020	167	"	1670		61.2	10-111		34.3	30	Non-dir.
Anthracene	883	41.7	"	1670		53.0	24-124		13.6	30	
Atrazine	1070	41.7	"	1670		64.0	22-120		12.0	30	
Benzaldehyde	926	41.7	"	1670		55.6	21-100		34.1	30	Non-dir.
Benzo(a)anthracene	1140	41.7	"	1670		68.4	25-134		15.8	30	
Benzo(a)pyrene	1100	41.7	"	1670		66.1	29-144		44.9	30	Non-dir.
Benzo(b)fluoranthene	1100	41.7	"	1670		66.0	20-151		24.2	30	
Benzo(g,h,i)perylene	332	41.7	"	1670		19.9	10-153		8.01	30	
Benzoic acid	55.7	41.7	"	1670		3.34	10-116	Low Bias	20.9	30	
Benzo(k)fluoranthene	1210	41.7	"	1670		72.5	10-148		1.45	30	
Benzyl alcohol	935	41.7	"	1670		56.1	17-128		32.4	30	Non-dir.
Benzyl butyl phthalate	1270	41.7	"	1670		76.2	10-132		19.1	30	
1,1'-Biphenyl	827	41.7	"				22-103		25.2	30	
4-Bromophenyl phenyl ether	971	41.7	"	1670		58.3	30-138		19.5	30	
Caprolactam	1150	83.3	"	1670		68.9	10-123		18.0	30	
Carbazole	1030	41.7	"	1670		61.7	31-120		14.5	30	
4-Chloro-3-methylphenol	994	41.7	"	1670		59.7	16-138		29.4	30	
4-Chloroaniline	1240	41.7	"	1670		74.2	10-117		18.3	30	
Bis(2-chloroethoxy)methane	1010	41.7	"	1670		60.4	10-129		33.2	30	Non-dir.
Bis(2-chloroethyl)ether	1000	41.7	"	1670		60.2	14-125		34.7	30	Non-dir.
Bis(2-chloroisopropyl)ether	1030	41.7	"	1670		61.5	14-122		35.8	30	Non-dir.
2-Chloronaphthalene	857	41.7	"	1670		51.4	22-115		23.8	30	
2-Chlorophenol	875	41.7	"	1670		52.5	25-121		34.7	30	Non-dir.
4-Chlorophenyl phenyl ether	867	41.7	"	1670		52.0	18-132		15.9	30	
Chrysene	1280	41.7	"	1670		76.8	24-116		14.3	30	
Dibenzo(a,h)anthracene	432	41.7	"	1670		25.9	17-147		12.9	30	
Dibenzofuran	827	41.7	"	1670		49.6	23-123		22.1	30	
Di-n-butyl phthalate	974	41.7	"	1670		58.4	19-123		12.5	30	
1,2-Dichlorobenzene	859	41.7	"	1670		51.5	26-113		31.1	30	Non-dir.
1,3-Dichlorobenzene	852	41.7	"	1670		51.1	32-113		33.9	30	Non-dir.
1,4-Dichlorobenzene	828	41.7	"	1670		49.7	28-111		36.9	30	Non-dir.
3,3'-Dichlorobenzidine	1550	41.7	"	1670		92.9	10-147		11.9	30	
2,4-Dichlorophenol	810	41.7	"	1670		48.6	23-133		23.8	30	
Diethyl phthalate	1080	41.7	"	1670		64.8	23-122		15.0	30	
2,4-Dimethylphenol	816	41.7	"	1670		48.9	15-131		29.0	30	
Dimethyl phthalate	1120	41.7	"	1670		67.0	28-127		20.3	30	
4,6-Dinitro-2-methylphenol	1250	83.3	"	1670		75.2	10-149		10.8	30	
2,4-Dinitrophenol	2120	83.3	"	1670		127	10-149		16.6	30	
2,4-Dinitrotoluene	1320	41.7	"	1670		79.0	30-123		16.8	30	
2,6-Dinitrotoluene	1140	41.7	"	1670		68.6	30-125		21.8	30	
Di-n-octyl phthalate	1000	41.7	"	1670		60.1	10-132		16.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	1060	41.7	"	1670		63.5	10-140		24.2	30	
Bis(2-ethylhexyl)phthalate	1140	41.7	"	1670		68.4	10-141		16.2	30	
Fluoranthene	984	41.7	"	1670		59.1	36-125		13.7	30	
Fluorene	889	41.7	"	1670		53.3	16-130		17.1	30	
Hexachlorobenzene	988	41.7	"	1670		59.3	10-129		15.6	30	
Hexachlorobutadiene	834	41.7	"	1670		50.0	22-153		26.3	30	
Hexachlorocyclopentadiene	654	41.7	"	1670		39.3	10-134		31.2	30	Non-dir.

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 BE50084 - EPA 3550C											
LCS Dup (BE50084-BSD1)								Prepared & Analyzed: 05/03/2015			
Hexachloroethane	914	41.7	ug/kg wet	1670		54.9	20-112		31.9	30	Non-dir.
Indeno(1,2,3-cd)pyrene	433	41.7	"	1670		26.0	10-155		7.05	30	
Isophorone	1010	41.7	"	1670		60.7	14-131		33.3	30	Non-dir.
2-Methylnaphthalene	795	41.7	"	1670		47.7	16-127		23.3	30	
2-Methylphenol	796	41.7	"	1670		47.8	10-146		35.3	30	Non-dir.
3- & 4-Methylphenols	824	41.7	"	1670		49.5	20-109		33.9	30	Non-dir.
Naphthalene	792	41.7	"	1670		47.5	20-121		31.1	30	Non-dir.
4-Nitroaniline	1070	83.3	"	1670		64.4	14-125		178	30	Non-dir.
2-Nitroaniline	1070	83.3	"	1670		64.1	24-126		25.8	30	
3-Nitroaniline	1180	83.3	"	1670		71.0	23-123		17.8	30	
Nitrobenzene	984	41.7	"	1670		59.1	20-121		30.8	30	Non-dir.
2-Nitrophenol	847	41.7	"	1670		50.8	17-129		28.9	30	
4-Nitrophenol	1340	83.3	"	1670		80.3	10-136		12.5	30	
N-nitroso-di-n-propylamine	1080	41.7	"	1670		64.7	21-119		34.0	30	Non-dir.
N-Nitrosodimethylamine	617	41.7	"	1670		37.0	10-124		45.9	30	Non-dir.
N-Nitrosodiphenylamine	887	41.7	"	1670		53.2	10-163		19.2	30	
Pentachlorophenol	1270	41.7	"	1670		76.4	10-143		18.8	30	
Phenanthrene	928	41.7	"	1670		55.7	24-123		19.1	30	
Phenol	869	41.7	"	1670		52.2	15-123		33.5	30	Non-dir.
Pyrene	1230	41.7	"	1670		73.8	24-132		17.3	30	
1,2,4,5-Tetrachlorobenzene	883	83.3	"	1670		53.0	10-144		23.6	30	
2,3,4,6-Tetrachlorophenol	1980	83.3	"	1670		119	30-130		40.5	30	Non-dir.
1,2,4-Trichlorobenzene	777	41.7	"	1670		46.6	23-130		29.6	30	
2,4,6-Trichlorophenol	914	41.7	"	1670		54.8	27-122		22.1	30	
2,4,5-Trichlorophenol	945	41.7	"	1670		56.7	14-138		22.2	30	
Surrogate: 2-Fluorophenol	*1160*		"	*2500*		*46.3*	*10-95*				
Surrogate: Phenol-d5	*1140*		"	*2500*		*45.8*	*10-107*				
Surrogate: Nitrobenzene-d5	*901*		"	*1670*		*53.9*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*673*		"	*1670*		*40.4*	*10-97*				
Surrogate: 2,4,6-Tribromophenol	*1680*		"	*2510*		*66.9*	*30-130*				
Surrogate: Terphenyl-d14	*1110*		"	*1670*		*66.6*	*19-99*				



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 BE50084 - EPA 3550C											
Matrix Spike (BE50084-MS1)	*Source sample: 15E0070-04 (SB04_.5-1)							Prepared & Analyzed: 05/03/2015			
Acenaphthene	1180	92.8	ug/kg dry	1860	86.8	58.9	13-133				
Acenaphthylene	1120	92.8	"	1860	ND	60.2	25-125				
Acetophenone	1170	92.8	"	1860	ND	63.0	25-105				
Aniline	1070	372	"	1860	ND	57.7	10-112				
Anthracene	1110	92.8	"	1860	226	47.6	27-128				
Atrazine	1140	92.8	"	1860	ND	61.6	10-139				
Benzaldehyde	1030	92.8	"	1860	ND	55.4	24-96				
Benzo(a)anthracene	1660	92.8	"	1860	859	43.1	20-147				
Benzo(a)pyrene	746	92.8	"	1860	370	20.3	18-153				
Benzo(b)fluoranthene	858	92.8	"	1860	342	27.8	10-163				
Benzo(g,h,i)perylene	404	92.8	"	1860	122	15.2	10-157				
Benzoic acid	ND	92.8	"	1860	ND		10-130	Low Bias			
Benzo(k)fluoranthene	923	92.8	"	1860	350	30.9	10-157				
Benzyl alcohol	1070	92.8	"	1860	ND	57.4	20-122				
Benzyl butyl phthalate	1200	92.8	"	1860	ND	64.8	10-129				
1,1'-Biphenyl	1110	92.8	"		ND		24-112				
4-Bromophenyl phenyl ether	1190	92.8	"	1860	ND	64.1	32-148				
Caprolactam	ND	185	"	1860	ND		10-100	Low Bias			
Carbazole	1160	92.8	"	1860	63.8	58.9	24-139				
4-Chloro-3-methylphenol	1260	92.8	"	1860	ND	68.0	14-138				
4-Chloroaniline	1690	92.8	"	1860	ND	91.2	10-124				
Bis(2-chloroethoxy)methane	1260	92.8	"	1860	ND	67.7	12-128				
Bis(2-chloroethyl)ether	1110	92.8	"	1860	ND	59.8	18-113				
Bis(2-chloroisopropyl)ether	1330	92.8	"	1860	ND	71.5	10-130				
2-Chloronaphthalene	1110	92.8	"	1860	ND	59.6	31-116				
2-Chlorophenol	997	92.8	"	1860	ND	53.7	28-114				
4-Chlorophenyl phenyl ether	1190	92.8	"	1860	ND	64.2	10-153				
Chrysene	1620	92.8	"	1860	836	42.4	18-133				
Dibenzo(a,h)anthracene	406	92.8	"	1860	61.6	18.6	10-146				
Dibenzofuran	1160	92.8	"	1860	ND	62.3	26-134				
Di-n-butyl phthalate	1050	92.8	"	1860	ND	56.6	20-128				
1,2-Dichlorobenzene	1040	92.8	"	1860	ND	55.9	29-106				
1,3-Dichlorobenzene	974	92.8	"	1860	ND	52.5	34-100				
1,4-Dichlorobenzene	957	92.8	"	1860	ND	51.6	26-107				
3,3'-Dichlorobenzidine	1090	92.8	"	1860	ND	59.0	10-134				
2,4-Dichlorophenol	1100	92.8	"	1860	ND	59.0	16-144				
Diethyl phthalate	1220	92.8	"	1860	ND	65.6	30-119				
2,4-Dimethylphenol	1020	92.8	"	1860	ND	54.9	11-133				
Dimethyl phthalate	1230	92.8	"	1860	ND	66.0	34-120				
4,6-Dinitro-2-methylphenol	1370	185	"	1860	ND	73.7	10-149				
2,4-Dinitrophenol	873	185	"	1860	ND	47.0	10-132				
2,4-Dinitrotoluene	1360	92.8	"	1860	ND	73.5	42-113				
2,6-Dinitrotoluene	1260	92.8	"	1860	ND	67.8	36-124				
Di-n-octyl phthalate	852	92.8	"	1860	ND	45.9	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	1220	92.8	"	1860	ND	65.6	10-135				
Bis(2-ethylhexyl)phthalate	1110	92.8	"	1860	ND	59.9	10-138				
Fluoranthene	1890	92.8	"	1860	1490	22.0	10-155				
Fluorene	1170	92.8	"	1860	64.6	59.5	12-150				
Hexachlorobenzene	1180	92.8	"	1860	ND	63.4	16-142				
Hexachlorobutadiene	1150	92.8	"	1860	ND	62.0	11-150				
Hexachlorocyclopentadiene	305	92.8	"	1860	ND	16.4	10-115				

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 BE50084 - EPA 3550C											
Matrix Spike (BE50084-MS1)	*Source sample: 15E0070-04 (SB04_.5-1)						Prepared & Analyzed: 05/03/2015				
Hexachloroethane	1080	92.8	ug/kg dry	1860	ND	58.4	14-106				
Indeno(1,2,3-cd)pyrene	469	92.8	"	1860	128	18.4	10-155				
Isophorone	1160	92.8	"	1860	ND	62.6	14-127				
2-Methylnaphthalene	1100	92.8	"	1860	ND	59.4	10-143				
2-Methylphenol	977	92.8	"	1860	ND	52.6	10-160				
3- & 4-Methylphenols	970	92.8	"	1860	ND	52.3	16-115				
Naphthalene	1030	92.8	"	1860	ND	55.6	15-132				
4-Nitroaniline	1090	185	"	1860	ND	59.0	10-151				
2-Nitroaniline	1130	185	"	1860	ND	61.1	33-122				
3-Nitroaniline	986	185	"	1860	ND	53.2	24-128				
Nitrobenzene	1120	92.8	"	1860	ND	60.6	18-125				
2-Nitrophenol	1040	92.8	"	1860	ND	56.1	12-127				
4-Nitrophenol	1270	185	"	1860	ND	68.6	10-141				
N-nitroso-di-n-propylamine	1250	92.8	"	1860	ND	67.2	23-115				
N-Nitrosodimethylamine	650	92.8	"	1860	ND	35.0	10-123				
N-Nitrosodiphenylamine	1160	92.8	"	1860	ND	62.4	16-166				
Pentachlorophenol	1130	92.8	"	1860	ND	60.7	10-160				
Phenanthrene	1630	92.8	"	1860	861	41.6	10-151				
Phenol	1010	92.8	"	1860	ND	54.4	11-124				
Pyrene	2200	92.8	"	1860	1350	46.2	13-148				
1,2,4,5-Tetrachlorobenzene	1250	185	"	1860	ND	67.2	18-152				
2,3,4,6-Tetrachlorophenol	2280	185	"	1860	ND	123	30-130				
1,2,4-Trichlorobenzene	1070	92.8	"	1860	ND	57.6	15-139				
2,4,6-Trichlorophenol	1140	92.8	"	1860	ND	61.2	12-138				
2,4,5-Trichlorophenol	1180	92.8	"	1860	ND	63.6	10-148				
Surrogate: 2-Fluorophenol	*1230*		*"*	*2790*		*44.1*	*10-95*				
Surrogate: Phenol-d5	*1300*		*"*	*2780*		*46.6*	*10-107*				
Surrogate: Nitrobenzene-d5	*1040*		*"*	*1860*		*55.9*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*930*		*"*	*1860*		*50.1*	*10-97*				
Surrogate: 2,4,6-Tribromophenol	*1790*		*"*	*2790*		*64.1*	*30-130*				
Surrogate: Terphenyl-d14	*1230*		*"*	*1860*		*66.0*	*19-99*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50085 - EPA 3550C											
Blank (BE50085-BLK1)											Prepared: 05/03/2015 Analyzed: 05/04/2015
Aldrin	ND	0.330	ug/kg wet								
alpha-BHC	ND	0.330	"								
beta-BHC	ND	0.330	"								
delta-BHC	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
Chlordane, total	ND	1.32	"								
4,4'-DDD	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
Surrogate: Decachlorobiphenyl	*49.3*		*"*	*67.0*		*73.6*	*30-140*				
Surrogate: Tetrachloro-m-xylene	*45.4*		*"*	*67.7*		*67.2*	*30-140*				
LCS (BE50085-BS1)											Prepared: 05/03/2015 Analyzed: 05/04/2015
Aldrin	21.6	0.330	ug/kg wet	33.3		64.7	40-140				
alpha-BHC	23.1	0.330	"	33.3		69.3	40-140				
beta-BHC	21.8	0.330	"	33.3		65.3	40-140				
delta-BHC	21.4	0.330	"	33.3		64.2	40-140				
gamma-BHC (Lindane)	22.1	0.330	"	33.3		66.2	40-140				
gamma-Chlordane	21.5	0.330	"	33.3		64.4	40-140				
alpha-Chlordane	21.7	0.330	"	33.3		65.2	40-140				
4,4'-DDD	19.5	0.330	"	33.3		58.5	40-140				
4,4'-DDE	24.1	0.330	"	33.3		72.2	40-140				
4,4'-DDT	22.8	0.330	"	33.3		68.5	40-140				
Dieldrin	21.4	0.330	"	33.3		64.2	40-140				
Endosulfan I	22.0	0.330	"	33.3		66.0	40-140				
Endosulfan II	20.0	0.330	"	33.3		59.9	40-140				
Endosulfan sulfate	18.7	0.330	"	33.3		56.1	40-140				
Endrin	20.9	0.330	"	33.3		62.6	40-140				
Endrin aldehyde	16.0	0.330	"	33.3		48.1	40-140				
Endrin ketone	18.7	0.330	"	33.3		56.1	40-140				
Heptachlor	18.8	0.330	"	33.3		56.4	40-140				
Heptachlor epoxide	20.7	0.330	"	33.3		62.0	40-140				
Methoxychlor	19.3	1.65	"	33.3		58.0	40-140				
Surrogate: Decachlorobiphenyl	*48.3*		*"*	*67.0*		*72.1*	*30-140*				
Surrogate: Tetrachloro-m-xylene	*48.2*		*"*	*67.7*		*71.3*	*30-140*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50085 - EPA 3550C											
LCS Dup (BE50085-BSD1)								Prepared: 05/03/2015 Analyzed: 05/04/2015			
Aldrin	21.6	0.330	ug/kg wet	33.3		64.9	40-140		0.313	30	
alpha-BHC	22.9	0.330	"	33.3		68.8	40-140		0.672	30	
beta-BHC	21.8	0.330	"	33.3		65.3	40-140		0.127	30	
delta-BHC	21.5	0.330	"	33.3		64.6	40-140		0.688	30	
gamma-BHC (Lindane)	21.9	0.330	"	33.3		65.8	40-140		0.542	30	
gamma-Chlordane	21.7	0.330	"	33.3		65.2	40-140		1.20	30	
alpha-Chlordane	22.0	0.330	"	33.3		65.9	40-140		1.10	30	
4,4'-DDD	19.8	0.330	"	33.3		59.3	40-140		1.23	30	
4,4'-DDE	24.2	0.330	"	33.3		72.7	40-140		0.703	30	
4,4'-DDT	23.4	0.330	"	33.3		70.1	40-140		2.31	30	
Dieldrin	21.7	0.330	"	33.3		65.0	40-140		1.29	30	
Endosulfan I	22.4	0.330	"	33.3		67.3	40-140		1.94	30	
Endosulfan II	20.1	0.330	"	33.3		60.4	40-140		0.964	30	
Endosulfan sulfate	19.0	0.330	"	33.3		56.9	40-140		1.33	30	
Endrin	21.2	0.330	"	33.3		63.5	40-140		1.43	30	
Endrin aldehyde	16.1	0.330	"	33.3		48.4	40-140		0.692	30	
Endrin ketone	18.8	0.330	"	33.3		56.4	40-140		0.515	30	
Heptachlor	18.8	0.330	"	33.3		56.4	40-140		0.0745	30	
Heptachlor epoxide	20.8	0.330	"	33.3		62.5	40-140		0.769	30	
Methoxychlor	18.9	1.65	"	33.3		56.8	40-140		2.15	30	
Surrogate: Decachlorobiphenyl	*48.6*		*"*	*67.0*		*72.6*	*30-140*				
Surrogate: Tetrachloro-m-xylene	*47.9*		*"*	*67.7*		*70.8*	*30-140*				
Matrix Spike (BE50085-MS1)	*Source sample: 15E0070-03 (SB03_5-5.5)							Prepared: 05/03/2015 Analyzed: 05/04/2015			
Aldrin	29.0	2.26	ug/kg dry	45.6	ND	63.7	30-150				
alpha-BHC	33.2	2.26	"	45.6	ND	73.0	30-150				
beta-BHC	36.2	2.26	"	45.6	ND	79.4	30-150				
delta-BHC	28.6	2.26	"	45.6	ND	62.7	30-150				
gamma-BHC (Lindane)	33.9	2.26	"	45.6	ND	74.3	30-150				
gamma-Chlordane	30.2	2.26	"	45.6	ND	66.2	30-150				
alpha-Chlordane	31.0	2.26	"	45.6	ND	68.0	30-150				
4,4'-DDD	30.1	2.26	"	45.6	ND	66.1	30-150				
4,4'-DDE	30.4	2.26	"	45.6	ND	66.8	30-150				
4,4'-DDT	32.4	2.26	"	45.6	ND	71.2	30-150				
Dieldrin	32.3	2.26	"	45.6	ND	70.8	30-150				
Endosulfan I	27.4	2.26	"	45.6	ND	60.2	30-150				
Endosulfan II	27.8	2.26	"	45.6	ND	61.0	30-150				
Endosulfan sulfate	29.6	2.26	"	45.6	ND	65.1	30-150				
Endrin	32.2	2.26	"	45.6	ND	70.8	30-150				
Endrin aldehyde	26.9	2.26	"	45.6	ND	59.0	30-150				
Endrin ketone	31.9	2.26	"	45.6	ND	70.1	30-150				
Heptachlor	30.0	2.26	"	45.6	ND	65.9	30-150				
Heptachlor epoxide	32.9	2.26	"	45.6	ND	72.1	30-150				
Methoxychlor	32.5	11.3	"	45.6	ND	71.4	30-150				
Surrogate: Decachlorobiphenyl	*70.1*		*"*	*91.6*		*76.5*	*30-140*				
Surrogate: Tetrachloro-m-xylene	*71.6*		*"*	*92.5*		*77.4*	*30-140*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50097 - EPA SW846-3510C Low Level											
Blank (BE50097-BLK1)								Prepared & Analyzed: 05/04/2015			
Aldrin	ND	0.00400	ug/L								
alpha-BHC	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
alpha-Chlordane	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
4,4'-DDD	ND	0.00400	"								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.138*		*"*	*0.201*		*68.6*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.116*		*"*	*0.203*		*57.0*	*30-120*				
LCS (BE50097-BS1)								Prepared & Analyzed: 05/04/2015			
Aldrin	0.0660	0.00400	ug/L	0.100		66.0	40-120				
alpha-BHC	0.0687	0.00400	"	0.100		68.7	40-120				
beta-BHC	0.0671	0.00400	"	0.100		67.1	40-120				
delta-BHC	0.0481	0.00400	"	0.100		48.1	40-120				
gamma-BHC (Lindane)	0.0647	0.00400	"	0.100		64.7	40-120				
gamma-Chlordane	0.0612	0.0100	"	0.100		61.2	40-120				
alpha-Chlordane	0.0640	0.00400	"	0.100		64.0	40-120				
4,4'-DDD	0.0586	0.00400	"	0.100		58.6	40-120				
4,4'-DDE	0.0738	0.00400	"	0.100		73.8	40-120				
4,4'-DDT	0.0719	0.00400	"	0.100		71.9	40-120				
Dieldrin	0.0626	0.00200	"	0.100		62.6	40-120				
Endosulfan I	0.0680	0.00400	"	0.100		68.0	40-120				
Endosulfan II	0.0568	0.00400	"	0.100		56.8	40-120				
Endosulfan sulfate	0.0560	0.00400	"	0.100		56.0	40-120				
Endrin	0.0621	0.00400	"	0.100		62.1	40-120				
Endrin aldehyde	0.0585	0.0100	"	0.100		58.5	40-120				
Endrin ketone	0.0672	0.0100	"	0.100		67.2	40-120				
Heptachlor	0.0515	0.00400	"	0.100		51.5	40-120				
Heptachlor epoxide	0.0608	0.00400	"	0.100		60.8	40-120				
Methoxychlor	0.0652	0.00400	"	0.100		65.2	40-120				
Surrogate: Decachlorobiphenyl	*0.119*		*"*	*0.201*		*59.4*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.111*		*"*	*0.203*		*54.8*	*30-120*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50097 - EPA SW846-3510C Low Level											
LCS Dup (BE50097-BSD1)								Prepared & Analyzed: 05/04/2015			
Aldrin	0.0753	0.00400	ug/L	0.100		75.3	40-120		13.2	30	
alpha-BHC	0.0803	0.00400	"	0.100		80.3	40-120		15.5	30	
beta-BHC	0.0769	0.00400	"	0.100		76.9	40-120		13.7	30	
delta-BHC	0.0562	0.00400	"	0.100		56.2	40-120		15.6	30	
gamma-BHC (Lindane)	0.0747	0.00400	"	0.100		74.7	40-120		14.3	30	
gamma-Chlordane	0.0690	0.0100	"	0.100		69.0	40-120		12.1	30	
alpha-Chlordane	0.0724	0.00400	"	0.100		72.4	40-120		12.3	30	
4,4'-DDD	0.0654	0.00400	"	0.100		65.4	40-120		11.0	30	
4,4'-DDE	0.0836	0.00400	"	0.100		83.6	40-120		12.4	30	
4,4'-DDT	0.0810	0.00400	"	0.100		81.0	40-120		11.9	30	
Dieldrin	0.0707	0.00200	"	0.100		70.7	40-120		12.2	30	
Endosulfan I	0.0773	0.00400	"	0.100		77.3	40-120		12.9	30	
Endosulfan II	0.0633	0.00400	"	0.100		63.3	40-120		10.8	30	
Endosulfan sulfate	0.0624	0.00400	"	0.100		62.4	40-120		10.8	30	
Endrin	0.0692	0.00400	"	0.100		69.2	40-120		10.8	30	
Endrin aldehyde	0.0657	0.0100	"	0.100		65.7	40-120		11.6	30	
Endrin ketone	0.0749	0.0100	"	0.100		74.9	40-120		10.9	30	
Heptachlor	0.0583	0.00400	"	0.100		58.3	40-120		12.4	30	
Heptachlor epoxide	0.0686	0.00400	"	0.100		68.6	40-120		12.1	30	
Methoxychlor	0.0722	0.00400	"	0.100		72.2	40-120		10.2	30	
Surrogate: Decachlorobiphenyl	*0.135*		*"*	*0.201*		*66.9*	*30-120*				
Surrogate: Tetrachloro-m-xylene	*0.127*		*"*	*0.203*		*62.6*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50085 - EPA 3550C											
Blank (BE50085-BLK1)											Prepared: 05/03/2015 Analyzed: 05/04/2015
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0437*		*"*	*0.0677*		*64.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0443*		*"*	*0.0670*		*66.2*	*30-140*				
LCS (BE50085-BS2)											Prepared: 05/03/2015 Analyzed: 05/04/2015
Aroclor 1016	0.273	0.0167	mg/kg wet	0.333		82.0	40-130				
Aroclor 1260	0.281	0.0167	"	0.333		84.4	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0477*		*"*	*0.0677*		*70.4*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0477*		*"*	*0.0670*		*71.1*	*30-140*				
Batch BE50097 - EPA SW846-3510C Low Level											
Blank (BE50097-BLK1)											Prepared & Analyzed: 05/04/2015
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.134*		*"*	*0.203*		*66.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.144*		*"*	*0.201*		*71.6*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50097 - EPA SW846-3510C Low Level											
LCS (BE50097-BS2)								Prepared & Analyzed: 05/04/2015			
Aroclor 1016	0.752	0.0500	ug/L	1.00		75.2	40-120				
Aroclor 1260	0.905	0.0500	"	1.00		90.5	40-120				
Surrogate: Tetrachloro-m-xylene	*0.162*		*"*	*0.203*		*79.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.165*		*"*	*0.201*		*82.1*	*30-120*				
LCS Dup (BE50097-BSD2)								Prepared & Analyzed: 05/04/2015			
Aroclor 1016	0.758	0.0500	ug/L	1.00		75.8	40-120		0.874	30	
Aroclor 1260	0.888	0.0500	"	1.00		88.8	40-120		1.87	30	
Surrogate: Tetrachloro-m-xylene	*0.161*		*"*	*0.203*		*79.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.163*		*"*	*0.201*		*81.1*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50101 - EPA 3050B											
Blank (BE50101-BLK1)									Prepared & Analyzed: 05/04/2015		
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	0.300	"								
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	1.00	"								
Duplicate (BE50101-DUP1)	*Source sample: 15E0070-04 (SB04_.5-1)								Prepared & Analyzed: 05/04/2015		
Aluminum	5320	5.57	mg/kg dry		5350				0.540	35	
Antimony	ND	0.557	"		ND					35	
Arsenic	4.51	1.11	"		4.83				6.85	35	
Barium	62.3	1.11	"		62.7				0.679	35	
Beryllium	ND	0.111	"		ND					35	
Cadmium	ND	0.334	"		ND					35	
Calcium	16400	5.57	"		16400				0.111	35	
Chromium	12.4	0.557	"		12.5				0.924	35	
Cobalt	7.80	0.557	"		7.79				0.0836	35	
Copper	31.1	0.557	"		31.3				0.646	35	
Iron	12300	2.23	"		12300				0.321	35	
Lead	109	0.334	"		109				0.0808	35	
Magnesium	5840	5.57	"		5830				0.227	35	
Manganese	260	0.557	"		259				0.595	35	
Nickel	54.7	0.557	"		55.4				1.21	35	
Potassium	1090	5.57	"		1100				0.399	35	
Selenium	1.85	1.11	"		1.48				22.3	35	
Silver	ND	0.557	"		ND					35	
Sodium	595	11.1	"		597				0.345	35	
Thallium	ND	1.11	"		ND					35	
Vanadium	16.7	1.11	"		16.9				1.12	35	
Zinc	80.5	1.11	"		81.4				1.01	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 BE50101 - EPA 3050B											
Matrix Spike (BE50101-MS1)	*Source sample: 15E0070-04 (SB04_.5-1)							Prepared & Analyzed: 05/04/2015			
Aluminum	5540	5.57	mg/kg dry	223	5350	83.0	75-125				
Antimony	27.6	0.557	"	27.8	ND	99.1	75-125				
Arsenic	220	1.11	"	223	4.83	96.8	75-125				
Barium	293	1.11	"	223	62.7	104	75-125				
Beryllium	4.66	0.111	"	5.57	ND	83.8	75-125				
Cadmium	5.43	0.334	"	5.57	ND	97.5	75-125				
Chromium	33.6	0.557	"	22.3	12.5	94.6	75-125				
Cobalt	62.7	0.557	"	55.7	7.79	98.6	75-125				
Copper	60.7	0.557	"	27.8	31.3	106	75-125				
Iron	12200	2.23	"	111	12300	NR	75-125	Low Bias			
Lead	162	0.334	"	55.7	109	94.8	75-125				
Magnesium	5790	5.57	"		5830		75-125				
Manganese	314	0.557	"	55.7	259	99.5	75-125				
Nickel	113	0.557	"	55.7	55.4	104	75-125				
Potassium	1090	5.57	"		1100		75-125				
Selenium	221	1.11	"	223	1.48	98.6	75-125				
Silver	3.57	0.557	"	5.57	ND	64.2	75-125	Low Bias			
Sodium	594	11.1	"		597		75-125				
Thallium	216	1.11	"	223	ND	97.1	75-125				
Vanadium	72.2	1.11	"	55.7	16.9	99.4	75-125				
Zinc	131	1.11	"	55.7	81.4	89.5	75-125				
Reference (BE50101-SRM1)								Prepared & Analyzed: 05/04/2015			
Aluminum	6610	5.00	mg/kg wet	8740		75.6	41.6-158				
Antimony	154	0.500	"	108		143	23-255				
Arsenic	145	1.00	"	151		96.3	70.9-130				
Barium	257	1.00	"	262		98.1	73.7-126				
Beryllium	130	0.100	"	133		98.0	75.1-125				
Cadmium	142	0.300	"	152		93.7	73-126				
Calcium	6120	5.00	"	6400		95.6	73.9-126				
Chromium	110	0.500	"	117		93.6	69.7-130				
Cobalt	70.0	0.500	"	68.7		102	74.4-126				
Copper	70.0	0.500	"	68.6		102	73.2-129				
Iron	10900	2.00	"	12300		88.7	30.5-170				
Lead	238	0.300	"	254		93.6	75.6-125				
Magnesium	3240	5.00	"	3600		90.1	68.3-132				
Manganese	548	0.500	"	563		97.3	77.4-123				
Nickel	315	0.500	"	315		99.9	74.3-127				
Potassium	2730	5.00	"	3040		89.8	62.5-137				
Selenium	159	1.00	"	162		98.0	67.3-132				
Silver	40.0	0.500	"	44.3		90.4	66.4-124				
Sodium	698	10.0	"	746		93.6	56.8-143				
Thallium	247	1.00	"	259		95.5	69.5-131				
Vanadium	111	1.00	"	116		95.6	67.5-132				
Zinc	286	1.00	"	306		93.6	71.9-133				

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 BE50103 - EPA 3010A/1311											
Blank (BE50103-BLK1)								Prepared & Analyzed: 05/04/2015			
Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Blank (BE50103-BLK2)								Prepared & Analyzed: 05/04/2015			
Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Duplicate (BE50103-DUP1)	*Source sample: 15E0070-01 (SB01_2.5-3)							Prepared & Analyzed: 05/04/2015			
Arsenic	0.020	0.004	mg/L		0.022				11.5	20	
Barium	0.242	0.010	"		0.243				0.414	20	
Cadmium	ND	0.003	"		ND					20	
Chromium	ND	0.005	"		ND					20	
Lead	0.040	0.003	"		0.042				4.48	20	
Selenium	ND	0.010	"		0.012					20	
Silver	ND	0.005	"		ND					20	
Matrix Spike (BE50103-MS1)	*Source sample: 15E0070-01 (SB01_2.5-3)							Prepared & Analyzed: 05/04/2015			
Arsenic	1.98	0.004	mg/L	2.00	0.022	98.1	75-125				
Barium	1.99	0.010	"	2.00	0.243	87.2	75-125				
Cadmium	0.044	0.003	"	0.0500	ND	88.6	75-125				
Chromium	0.175	0.005	"	0.200	ND	87.3	75-125				
Lead	0.452	0.003	"	0.500	0.042	81.9	75-125				
Selenium	2.17	0.010	"	2.00	0.012	108	75-125				
Silver	0.044	0.005	"	0.0500	ND	87.9	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 BE50103 - EPA 3010A/1311											
Reference (BE50103-SRM1)								Prepared & Analyzed: 05/04/2015			
Arsenic	0.647	0.004	mg/L	0.681		95.1	84.4-114				
Barium	0.534	0.010	"	0.487		110	85-115				
Cadmium	0.299	0.003	"	0.293		102	85-115				
Chromium	0.123	0.005	"	0.123		100	85.4-115				
Lead	0.380	0.003	"	0.362		105	85.1-115				
Selenium	0.351	0.010	"	0.364		96.5	84.9-115				
Silver	0.223	0.005	"	0.215		104	85.1-115				
Batch BE50108 - EPA 3010A											
Blank (BE50108-BLK1)								Prepared & Analyzed: 05/04/2015			
Aluminum	ND	0.050	mg/L								
Antimony	ND	0.005	"								
Arsenic	ND	0.004	"								
Barium	ND	0.010	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.050	"								
Chromium	ND	0.005	"								
Cobalt	ND	0.005	"								
Copper	ND	0.003	"								
Iron	ND	0.020	"								
Lead	ND	0.003	"								
Magnesium	ND	0.050	"								
Manganese	ND	0.005	"								
Nickel	ND	0.005	"								
Potassium	ND	0.050	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Sodium	ND	0.100	"								
Thallium	ND	0.005	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.010	"								

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 BE50108 - EPA 3010A											
Duplicate (BE50108-DUP1)	*Source sample: 15E0070-06 (TMW01_050215)							Prepared & Analyzed: 05/04/2015			
Aluminum	0.133	0.050	mg/L		0.129				3.33	20	
Antimony	ND	0.005	"		ND					20	
Arsenic	ND	0.004	"		ND					20	
Barium	0.133	0.010	"		0.133				0.448	20	
Beryllium	ND	0.001	"		ND					20	
Cadmium	ND	0.003	"		ND					20	
Calcium	127	0.050	"		127				0.0729	20	
Chromium	ND	0.005	"		ND					20	
Cobalt	ND	0.005	"		ND					20	
Copper	0.003	0.003	"		0.004				6.08	20	
Iron	5.97	0.020	"		6.10				2.13	20	
Lead	0.005	0.003	"		0.004				7.41	20	
Magnesium	25.9	0.050	"		26.4				1.93	20	
Manganese	1.04	0.005	"		1.04				0.502	20	
Nickel	ND	0.005	"		ND					20	
Potassium	21.1	0.050	"		21.4				1.79	20	
Selenium	0.013	0.010	"		0.013				3.74	20	
Silver	ND	0.005	"		ND					20	
Sodium	108	0.100	"		109				0.308	20	
Thallium	ND	0.005	"		ND					20	
Vanadium	ND	0.010	"		ND					20	
Zinc	0.012	0.010	"		0.012				0.939	20	
Matrix Spike (BE50108-MS1)	*Source sample: 15E0070-06 (TMW01_050215)							Prepared & Analyzed: 05/04/2015			
Antimony	0.249	0.005	mg/L	0.250	ND	99.4	75-125				
Arsenic	2.18	0.004	"	2.00	ND	109	75-125				
Barium	2.24	0.010	"	2.00	0.133	105	75-125				
Beryllium	0.053	0.001	"	0.0500	ND	106	75-125				
Cadmium	0.051	0.003	"	0.0500	ND	103	75-125				
Chromium	0.199	0.005	"	0.200	ND	99.4	75-125				
Cobalt	0.515	0.005	"	0.500	ND	103	75-125				
Copper	0.262	0.003	"	0.250	0.004	103	75-125				
Iron	7.10	0.020	"	1.00	6.10	101	75-125				
Lead	0.493	0.003	"	0.500	0.004	97.7	75-125				
Manganese	1.57	0.005	"	0.500	1.04	105	75-125				
Nickel	0.516	0.005	"	0.500	ND	103	75-125				
Selenium	2.43	0.010	"	2.00	0.013	121	75-125				
Silver	0.044	0.005	"	0.0500	ND	88.5	75-125				
Thallium	1.96	0.005	"	2.00	ND	98.2	75-125				
Vanadium	0.511	0.010	"	0.500	ND	102	75-125				
Zinc	0.545	0.010	"	0.500	0.012	107	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 BE50108 - EPA 3010A											
Reference (BE50108-SRM1)								Prepared & Analyzed: 05/04/2015			
Aluminum	1.79	0.050	mg/L	1.80		99.3	82.8-115				
Antimony	0.397	0.005	"	0.415		95.6	79.8-117				
Arsenic	0.640	0.004	"	0.681		94.0	84.4-114				
Barium	0.528	0.010	"	0.487		108	85-115				
Beryllium	0.278	0.001	"	0.277		100	84.8-115				
Cadmium	0.294	0.003	"	0.293		100	85-115				
Chromium	0.121	0.005	"	0.123		98.5	85.4-115				
Cobalt	0.517	0.005	"	0.485		107	84.9-115				
Copper	0.388	0.003	"	0.378		103	84.9-115				
Iron	1.40	0.020	"	1.32		106	84.8-115				
Lead	0.377	0.003	"	0.362		104	85.1-115				
Manganese	0.325	0.005	"	0.308		105	85.1-115				
Nickel	0.513	0.005	"	0.526		97.5	87.3-114				
Selenium	0.343	0.010	"	0.364		94.3	84.9-115				
Silver	0.220	0.005	"	0.215		102	85.1-115				
Thallium	0.644	0.005	"	0.606		106	82.3-116				
Vanadium	0.752	0.010	"	0.784		95.9	84.9-115				
Zinc	0.711	0.010	"	0.715		99.5	85-115				

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 BE50080 - EPA 7473 soil											
Blank (BE50080-BLK1)								Prepared & Analyzed: 05/03/2015			
Mercury	ND	0.0300	mg/kg wet								
Reference (BE50080-SRM1)								Prepared & Analyzed: 05/03/2015			
Mercury	6.4474		mg/kg	5.76		112	71.2-129				
Batch BE50094 - EPA 7473 water											
Blank (BE50094-BLK1)								Prepared & Analyzed: 05/04/2015			
Mercury	ND	0.00020	mg/L								
Reference (BE50094-SRM1)								Prepared & Analyzed: 05/04/2015			
Mercury	0.00199		mg/kg	0.00230		86.6	61.3-135				
Batch BE50095 - EPA 7473 water											
Blank (BE50095-BLK1)								Prepared & Analyzed: 05/04/2015			
Mercury	ND	0.000200	mg/L								
Reference (BE50095-SRM1)								Prepared & Analyzed: 05/04/2015			
Mercury	0.00186		mg/L	0.00230		80.7	61.3-135				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50118 - % Solids Prep											
Duplicate (BE50118-DUP1)	*Source sample: 15E0070-05 (SB05_5-5.5)								Prepared & Analyzed: 05/04/2015		
% Solids	86.8	0.100	%		87.5				0.755	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50079 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BE50079-BLK1)									Prepared: 05/02/2015 Analyzed: 05/04/2015		
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15E0070-01	SB01_2.5-3	40mL Vial with Stir Bar-Cool 4° C
15E0070-02	SB02_2.5-3	40mL Vial with Stir Bar-Cool 4° C
15E0070-03	SB03_5-5.5	40mL Vial with Stir Bar-Cool 4° C
15E0070-04	SB04_.5-1	40mL Vial with Stir Bar-Cool 4° C
15E0070-05	SB05_5-5.5	40mL Vial with Stir Bar-Cool 4° C
15E0070-06	TMW01_050215	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15E0070-07	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

M-SeTC	It is noted that a known interference with selenium at the analytical line for analysis by ICP is caused by carbon emission from the TCLP or high organics matrix. The data user may subtract the matrix blank value from the data if needed.
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).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
EXT-COMP	Completed
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
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.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
M-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-08	The recovery of this surrogate was outside of QC limits.
M-HCSpk	Sample conc. >10 X spike conc.

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*	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. 15E0070

YOUR Information

Company: LANGAN
Address: 360 W 31st St. 8th Fl
New York, NY
Phone No. 212-479-5400
Contact Person: Ryan Manderback
E-Mail Address: rmanderback@langan.com

Report To:

Company: LANGAN
Address: 360 W 31st St 8th Fl
New York, NY
Phone No. 212-479-5400
Attention: Ryan Manderback
E-Mail Address:

Invoice To:

Company: E+M Realty Corp
Address: 335 Bond St
Brooklyn, NY 11231
Phone No.
Attention: Edward Slinin
E-Mail Address:

YOUR Project ID

1703625O1

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day 24/hrs ☒
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☐

Report Type

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

Electronic Data Deliverables (EDD)

- Simple Excel X
- NYSDEC EQuIS ___
- 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):

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)

Emily Snead
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	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-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	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)
SB01_2.5-3	5/2/15 10:30	Soil	TCL/TAL, Part375FullList VOC, SVOC, Metals, Pesticides, PCB, TCLP metals	Glass
SB02_2.5-3	5/2/15 11:20	Soil	TCL/TAL, Part 375 FullList Voc, SVOC, metals, Pesticides, PCBs, TCLP metals	
SB03_5-5.5	5/2/15 11:50	Soil	TCL/TAL, Part 375 FullList Voc, SVOC, metals, pesticides, PCBs, TCLP metals	
SB04_.5-1	5/2/15 14:50	Soil	TCL/TAL, Part 375 FullList VOC, SVOC, metals, Pesticides, PCBs, TCLP metals	
SB05_5-5.5	5/2/15 15:00	Soil	TCL/TAL, Part 375 FullList VOC, SVOC, metals, pesticides, PCBs, TCLP metals	
TMW01_050215	5/2/15 14:00	GW	TCL/TAL, Part 375 Full List VOC, SVOC, Total metals, Pesticides, PCBs	Total metals only*
Trip Blank	—	—	VOCs	glass

Comments
24-hr RUSH
need results COB Mon. 5/4/15

Preservation Check those Applicable

4°C X Frozen ___ HCl X MeOH X HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Emily Snead	5/2/15 15:38	Bob Fishma	5/2/15 1538
Bob Fishma	5/2/15 17:35	E. Schreck	5/2/15 17:33

Samples Relinquished By / Samples Received in LAB by

Temperature on Receipt 3.7 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Ryan Manderbach

Report Date: 05/04/2015
Client Project ID: 170362501
York Project (SDG) No.: 15E0069

Report Date: 05/04/2015
Client Project ID: 170362501
York Project (SDG) No.: 15E0069

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Ryan Manderbach

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 02, 2015 and listed below. The project was identified as your project: **170362501**.

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 Notes 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 attachment to 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
15E0069-01	SV01-050215	Soil Vapor	05/02/2015	05/02/2015

General Notes for York Project (SDG) No.: 15E0069

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 05/04/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SV01-050215 **York Sample ID:** 15E0069-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0069	170362501	Soil Vapor	May 2, 2015 3:00 pm	05/02/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	8.0	16	23.44	EPA TO-15 Certifications:	05/03/2015 06:13	05/03/2015 06:13	ALD
71-55-6	**1,1,1-Trichloroethane**	**180**		ug/m³	13	13	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	16	16	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	18	18	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	13	13	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
75-34-3	**1,1-Dichloroethane**	**14**		ug/m³	9.5	9.5	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	9.3	9.3	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	17	17	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	12	12	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	18	18	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	14	14	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	9.5	9.5	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	11	11	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	16	16	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	12	12	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	10	10	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	14	14	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	11	11	23.44	EPA TO-15 Certifications:	05/03/2015 06:13	05/03/2015 06:13	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	14	14	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	8.4	8.4	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
78-93-3	2-Butanone	ND		ug/m³	6.9	6.9	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD

Sample Information

Client Sample ID: SV01-050215 **York Sample ID:** 15E0069-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0069	170362501	Soil Vapor	May 2, 2015 3:00 pm	05/02/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	19	19	23.44	EPA TO-15 Certifications:	05/03/2015 06:13	05/03/2015 06:13	ALD
107-05-1	* 3-Chloropropene	ND		ug/m³	7.3	7.3	23.44	EPA TO-15 Certifications:	05/03/2015 06:13	05/03/2015 06:13	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	9.6	9.6	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
67-64-1	**Acetone**	**130**		ug/m³	5.6	5.6	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
107-13-1	* Acrylonitrile	ND		ug/m³	5.1	5.1	23.44	EPA TO-15 Certifications:	05/03/2015 06:13	05/03/2015 06:13	ALD
71-43-2	**Benzene**	**19**		ug/m³	7.5	7.5	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
100-44-7	Benzyl chloride	ND		ug/m³	12	12	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	15	15	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
75-25-2	Bromoform	ND		ug/m³	24	24	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
74-83-9	Bromomethane	ND		ug/m³	9.1	9.1	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
75-15-0	Carbon disulfide	ND		ug/m³	7.3	7.3	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	3.7	3.7	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
108-90-7	Chlorobenzene	ND		ug/m³	11	11	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
75-00-3	Chloroethane	ND		ug/m³	6.2	6.2	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
67-66-3	**Chloroform**	**30**		ug/m³	11	11	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
74-87-3	Chloromethane	ND		ug/m³	4.8	4.8	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	9.3	9.3	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	11	11	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
110-82-7	Cyclohexane	ND		ug/m³	8.1	8.1	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	19	19	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	12	12	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	17	17	23.44	EPA TO-15 Certifications:	05/03/2015 06:13	05/03/2015 06:13	ALD

Sample Information

Client Sample ID: SV01-050215 **York Sample ID:** 15E0069-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0069	170362501	Soil Vapor	May 2, 2015 3:00 pm	05/02/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m³	10	10	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	25	25	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
67-63-0	**Isopropanol**	**800**		ug/m³	12	12	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	9.6	9.6	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	8.4	8.4	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
75-09-2	Methylene chloride	ND		ug/m³	16	16	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
142-82-5	n-Heptane	ND		ug/m³	9.6	9.6	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
110-54-3	**n-Hexane**	**17**		ug/m³	8.3	8.3	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
95-47-6	o-Xylene	ND		ug/m³	10	10	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	20	20	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m³	12	12	23.44	EPA TO-15 Certifications:	05/03/2015 06:13	05/03/2015 06:13	ALD
115-07-1	* Propylene	ND		ug/m³	4.0	4.0	23.44	EPA TO-15 Certifications:	05/03/2015 06:13	05/03/2015 06:13	ALD
100-42-5	Styrene	ND		ug/m³	10	10	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
127-18-4	**Tetrachloroethylene**	**2500**		ug/m³	4.0	4.0	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	6.9	6.9	23.44	EPA TO-15 Certifications:	05/03/2015 06:13	05/03/2015 06:13	ALD
108-88-3	**Toluene**	**38**		ug/m³	8.8	8.8	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	9.3	9.3	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	11	11	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
79-01-6	**Trichloroethylene**	**120**		ug/m³	3.1	3.1	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	13	13	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
108-05-4	Vinyl acetate	ND		ug/m³	8.3	8.3	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD
593-60-2	Vinyl bromide	ND		ug/m³	10	10	23.44	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/03/2015 06:13	05/03/2015 06:13	ALD

Sample Information

Client Sample ID: SV01-050215 **York Sample ID:** 15E0069-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15E0069	170362501	Soil Vapor	May 2, 2015 3:00 pm	05/02/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	1.5	1.5	23.44	EPA TO-15	05/03/2015 06:13	05/03/2015 06:13	ALD
								Certifications: NELAC-NY10854,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.5 %*	*72-118*

Notes and Definitions

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

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 unless superseded by written contract.

York Project No. 15E0069

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: LANGAN	Company: LANGAN	Company: E+M Realty Corp	170362501	RUSH - Same Day ☐	Summary Report X
Address: 360 W31st St 8th Fl. New York, NY	Address: 360 W31st St 8th Fl New York, NY	Address: 335 Bond St Brooklyn, NY 11231	Purchase Order No.	RUSH - Next Day ☒ 24hrs	Summary w/ QA Summary ☐
Phone No. 212-479-5400	Phone No. 212-479-5400	Phone No.		RUSH - Two Day ☐	CT RCP Package ☐
Contact Person: Ryan Munderbach	Attention: Ryan Munderbach	Attention: Edward Slinin		RUSH - Three Day ☐	NY ASP A Package ☐
E-Mail Address: Rmanderbach@langan.com	E-Mail Address: Rmanderbach@langan.com	E-Mail Address:	Samples from: CT___ NY___ NJ___	RUSH - Four Day ☐	NY ASP B/CLP Pkg ☐
				Standard(5-7 Days) ☐	NJDEP Reduced ☐
					Electronic Deliverables:
					EDD (Specify Type) ☐
					Standard Excel X
					Regulatory Comparison Excel ☐

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.

Additional Notes:

Detection Limits Required

- ≤ 1 ug/m³ ☐
- NYSDEC VI Limits ☐ (VI = vapor intrusion)
- NJDEP low level ☐
- Routine Survey ☐
- Other ☐

Special Instructions

Samples Collected/Authorized By (Signature)

Name (printed)

Air Matrix Codes

- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

Please enter the following Field Data

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
SV01-050215	5/2/15	AS	-30	-6.5	17351	T13	TO-15 VOCs	6 Liter canister X / Tedlar Bag
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___
								6 Liter canister ___ / Tedlar Bag ___

Comments
24-hr RUSH → need results COB 5/4/15
* canister NO. 17340 (controller # T12) had NO vacuum upon receipt

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
Dmd	5/2/15 15:39	Rob Fisher	5/2/15 15:38
Rob Fisher	5/2/15 19:33	T. Sheck @11:53	5/2/15 —

APPENDIX B

Geophysical Survey Reports

GEOPHYSICAL ENGINEERING SURVEY REPORT

Commercial Property

335 Bond Street
Brooklyn, New York 11231

NOVA PROJECT NUMBER
17-0089

DATED
March 10, 2017

PREPARED FOR:
LANGAN
&
EM Realty Corp
335 Bond Street
Brooklyn, New York 11231

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway, # 765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.nova-gsi.com

March 14, 2017

Gerhard Doetsch
EM Realty Corp
335 Bond Street
Brooklyn, New York 11231
Emai: Gerhard.Doetsch@nyc2way.com

Re: Geophysical Engineering Survey (GES) Report
Commercial Property
335 Bond Street
Brooklyn, New York 11231

Dear Ms. Del Col:

Nova Geophysical Services (NOVA) is pleased to provide findings of the geophysical engineering survey (GES) at the above referenced project site: Commercial Property, 335 Bond Street, Brooklyn, New York (the "Site"). Please see attached Site Location and Geophysical Survey maps for more details.

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a Geophysical engineering surveys (GES) consisting of a Ground Penetrating Radar (GPR) survey at the site. The purpose of this survey is to locate and identify USTs, anomalies, utilities and other substructures and to clear and mark proposed environmental boring areas on March 8th, 2017.

The equipment selected for this investigation was Noggin's 250 MHz ground penetrating radar (GPR) shielded antenna and 3M DYNATL

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

GEOPHYSICAL METHODS

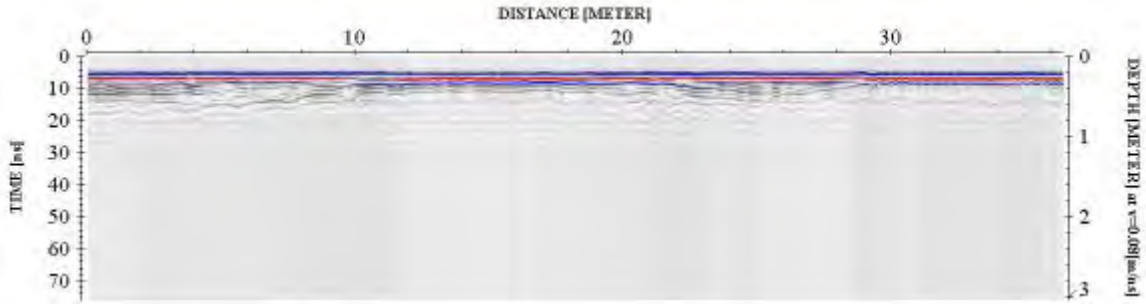
The project site was screened using the GPR to search the areas of interest and inspected for reflections, which could be indicative of major anomalies and substructures. Borehole locations were then individually cleared.

GPR data profiles were collected for the areas of the Site specified by the client. The surveyed areas consisted of concrete and tile surfaces.

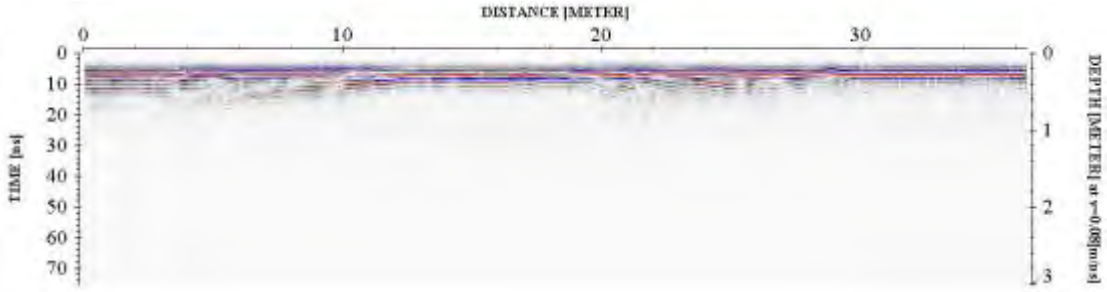
DATA PROCESSING

In order to improve the quality of the results and to better identify subsurface anomalies NOVA processed the collected data. The processes flow is briefly described at this section.

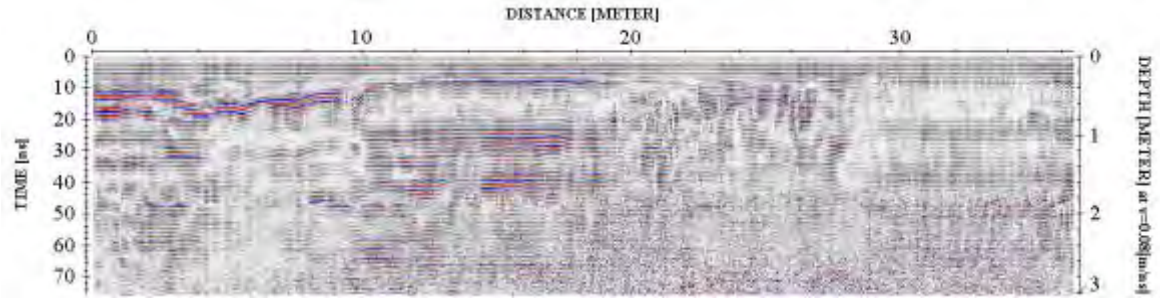
Step 1. Import raw RAMAC data to standard processing format



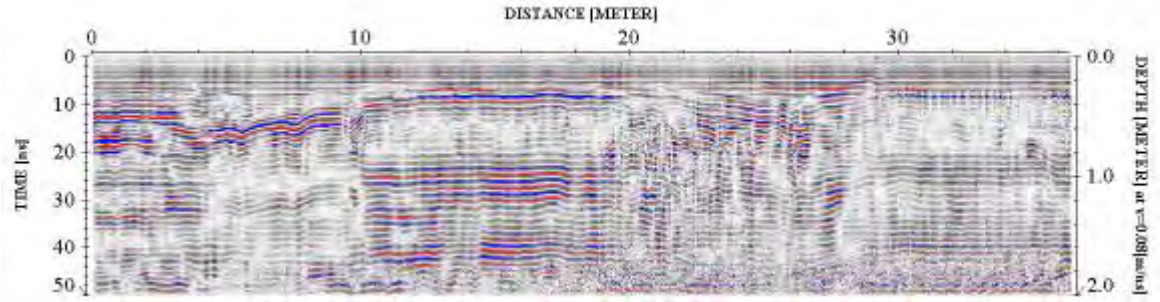
Step 2. Remove instrument noise *(dewow)*



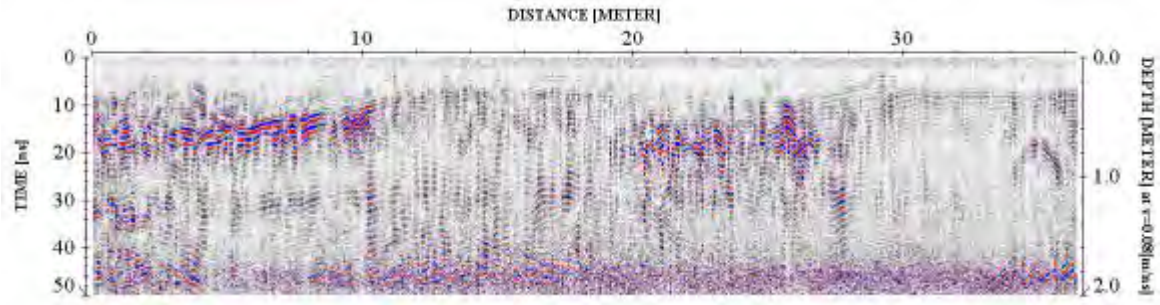
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and describes the subsurface anomalies more accurately.

PHYSICAL SETTINGS

Nova observed following physical conditions at the time of the survey:

The weather: Clear skies

Temp: 50 Degrees (F).

Surface: Concrete surfaces

Geophysical Noise Level (GNL): Geophysical Noise Level (GNL) was medium to high at the site. The noise was a result of the site being located in an urban environment.

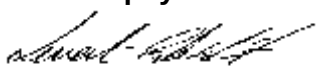
RESULTS

The results of the geophysical engineering survey (GES) identified following at the project Site:

- GES survey identified scattered anomalies located throughout the project site. Based on their rates and proximity, these anomalies were inconsistent with any USTs. These areas were indicated on the on-site markout.
- Several utilities (sewer, water, gas and electrical) were located on the site. These utilities were indicated on the survey map.
- The basement could not be surveyed to the presence of standing water, however, an AST was located in a small room in the basement. Also, a portion of the ground floor couldn't be scanned due to raised wooden flooring.
- Geophysical Survey Plan portrays the areas investigated during the geophysical survey.

If you have any questions, please do not hesitate to contact the undersigned.
Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.
Project Engineer

Attachments:
Figure 1 Site Location Map
Geophysical Survey Plan
Geophysical Images

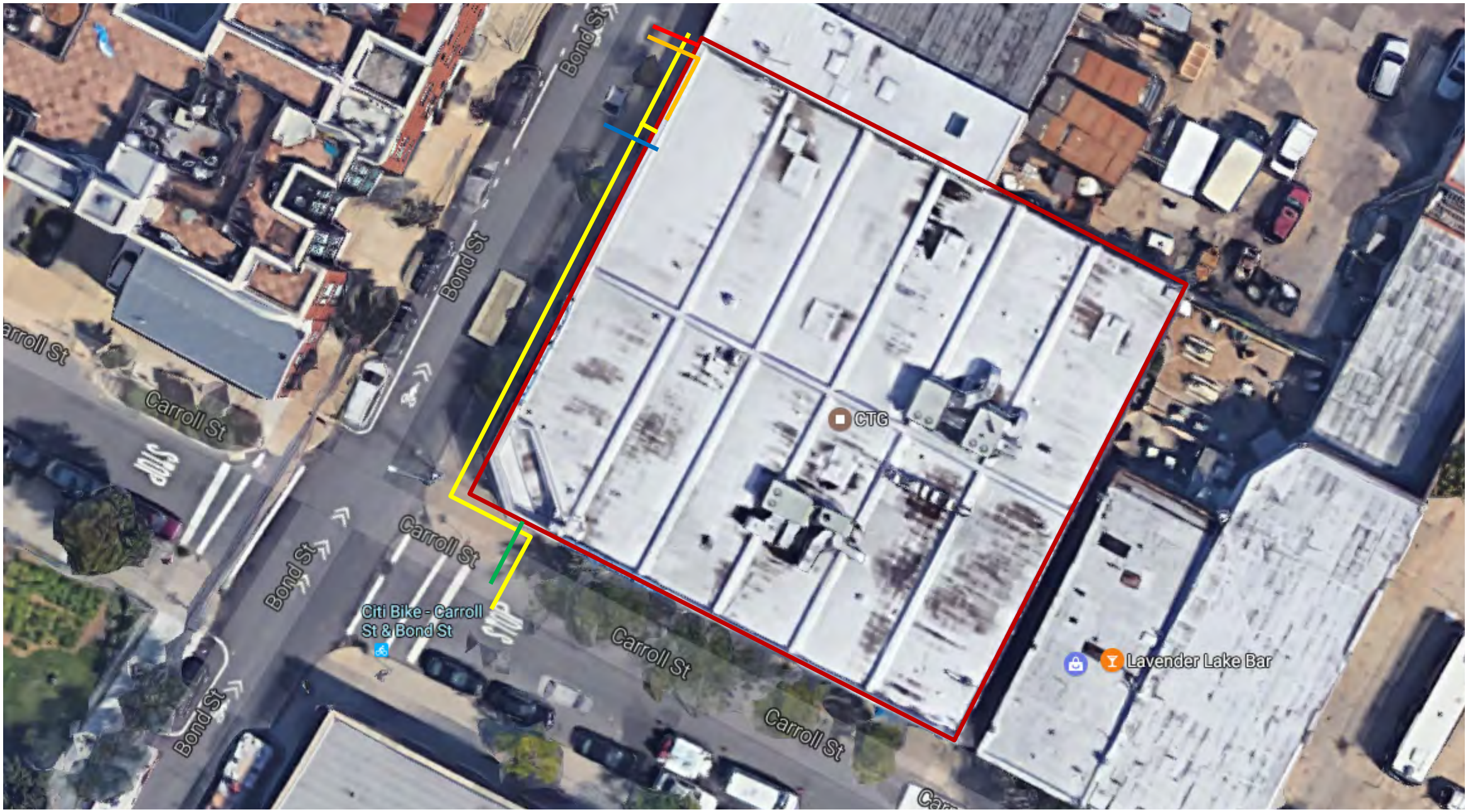


FIGURE 1
SITE LOCATION MAP

NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Pkwy, # 765, Douglaston, NY11362
(347) 556-7787 Fax (718) 261-1528
www.nova-gsi.com

SITE: **Commercial Property**
335 Bond Street
Brooklyn, New York 11231

SCALE: See Map



1- All anomalies were marked in the field.

NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, PO Box 765
Douglaston, New York11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

GEOPHYSICAL SURVEY PLAN

SITE : **Commercial Property**
335 Bond Street
Brooklyn, New York 11231

CLIENT: **LANGAN**
DATE: March 8, 2017
Scale See Map

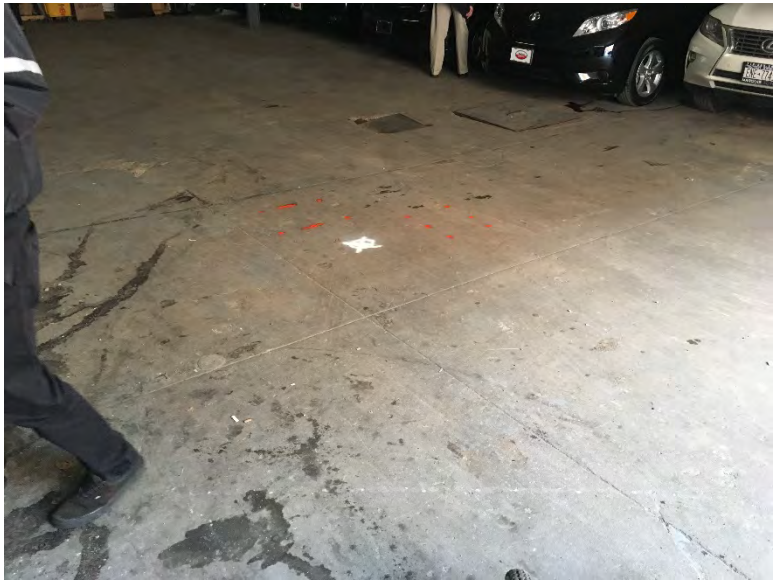
INFORMATION

- Survey Area
- Gas Line
- Water Line
- Sewer Line
- Electrical Line
- Fiber optic Line

20 ft.

GEOPHYSICAL IMAGES

Commercial Property
335 Bond Street
Brooklyn, New York 11231
March 8, 2017









GEOPHYSICAL IMAGES

Commercial Property
335 Bond Street
Brooklyn, New York 11231
March 8, 2017







GEOPHYSICAL IMAGES

Commercial Property
335 Bond Street
Brooklyn, New York 11231
March 8, 2017





GEOPHYSICAL ENGINEERING SURVEY REPORT

Commercial Site
335 Bond Street,
Brooklyn, New York 11231

NOVA PROJECT NUMBER:

18-0848

DATED:

July 13, 2018

PREPARED FOR:

Langan
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway #765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.nova-gsi.com

July 13, 2018,

Kimberly Del Col, P.E.
Project Engineer
LANGAN
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001
Direct: +1 212.479.5486
Mobile: +1 631.338.2036

Re: Geophysical Engineering Survey (GES) Report
Commercial Site
335 Bond Street,
Brooklyn, New York 11231

Dear Ms. Del Col,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 335 Bond Street, Brooklyn, New York 11231 (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures on July 7th, 2018.

The equipment selected for this investigation was a Sensors and Software Noggin 250 MHz ground penetrating radar (GPR) with a shielded antenna and a Radio Detection RD7100 Electromagnetic utility locator.

A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transduce via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the

subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

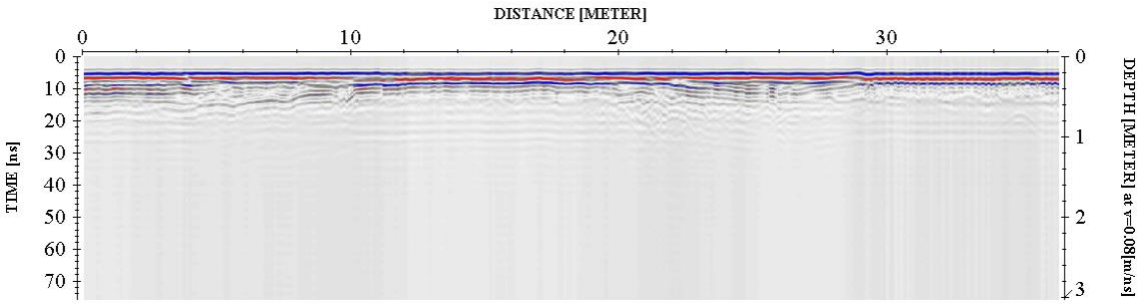
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

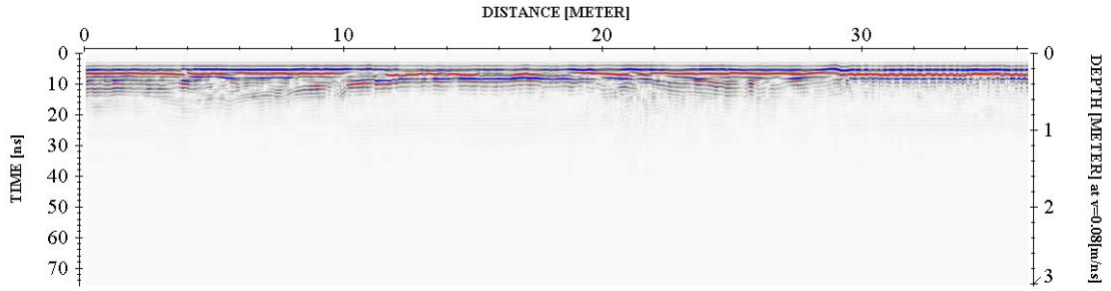
DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

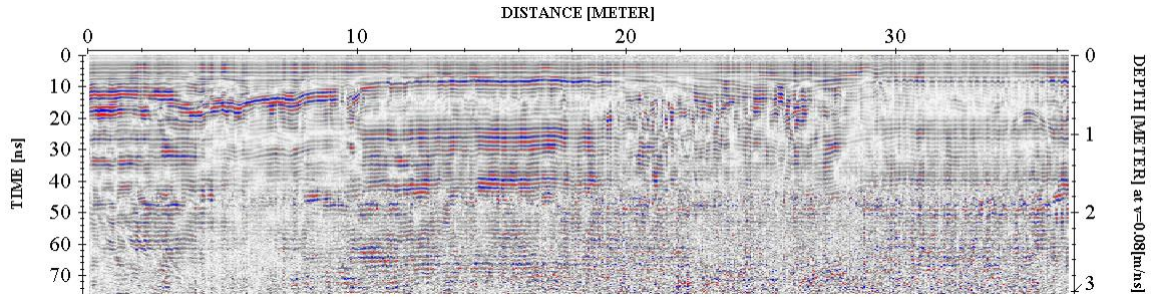
Step 1. Import Raw RAMAC data to standard processing format



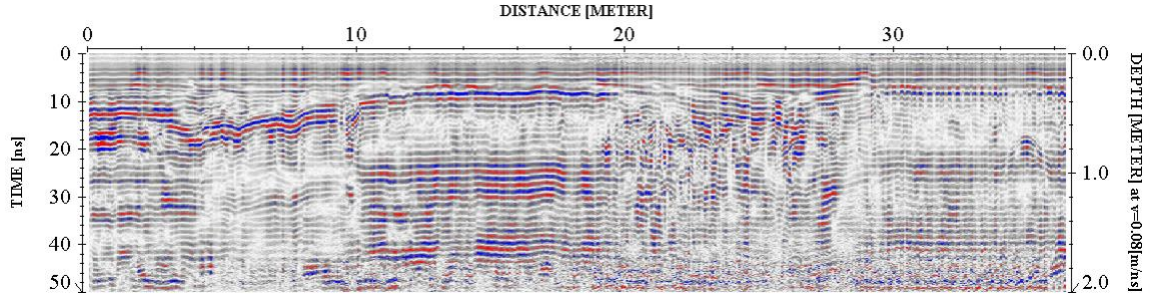
Step 2. Remove instrument noise *(dewow)*



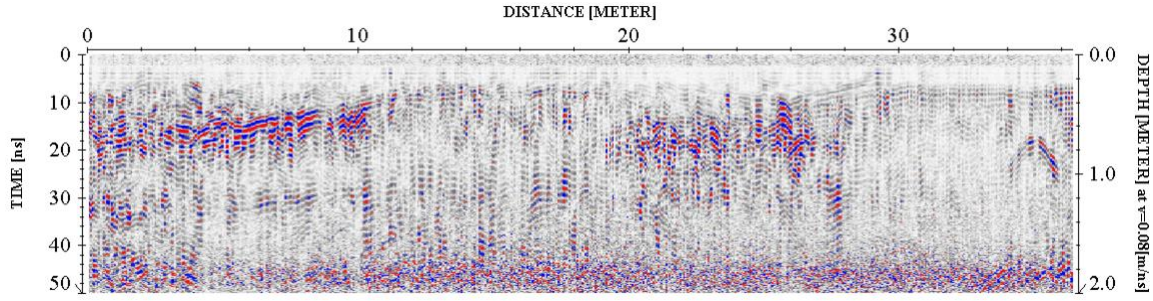
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Sunny

Temperature: 70° F

Surface: Concrete

Geophysical Noise Level: Geophysical noise at the site was high due to being in an urban environment.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- Water, electrical, gas, telecom and sewer lines were identified in the GES. Their approximate locations are shown in the Survey Plan.
- All detected subsurface anomalies were marked in the onsite mark out.
- All cleared boring locations were marked in the onsite mark out.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.

Project Engineer

Attachments:

Geophysical Images

Survey Plan

Location Map



NOVA Geophysical Services

Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

SITE LOCATION MAP

SITE:	**Commercial Site** 335 Bond Street, Brooklyn, New York 11231
CLIENT:	Langan
DATE:	July 7th, 2018
AUTH:	Chris Steinley

LEGEND



NOVA Geophysical Services

Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765

Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

SURVEY PLAN

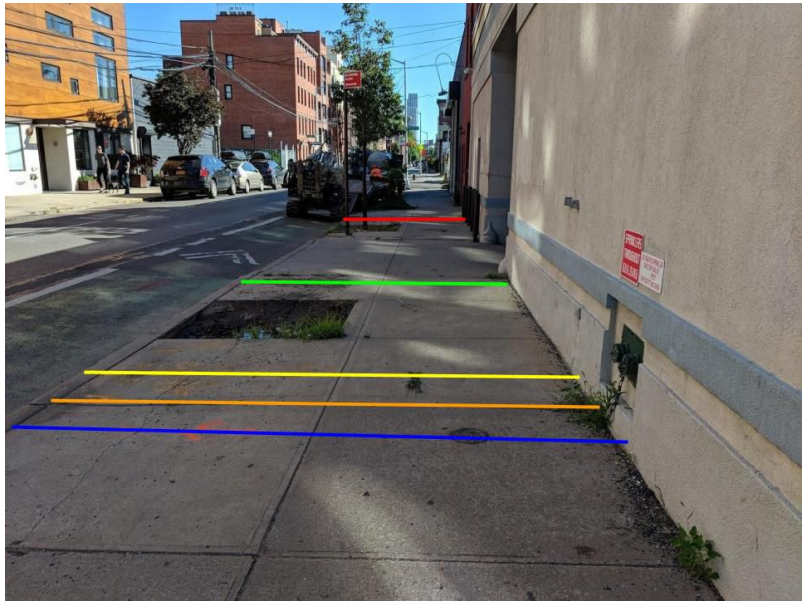
SITE:	**Commercial Site** 335 Bond Street, Brooklyn, New York 11231
CLIENT:	Langan
DATE:	July 7th, 2018
AUTH:	Chris Steinley

LEGEND

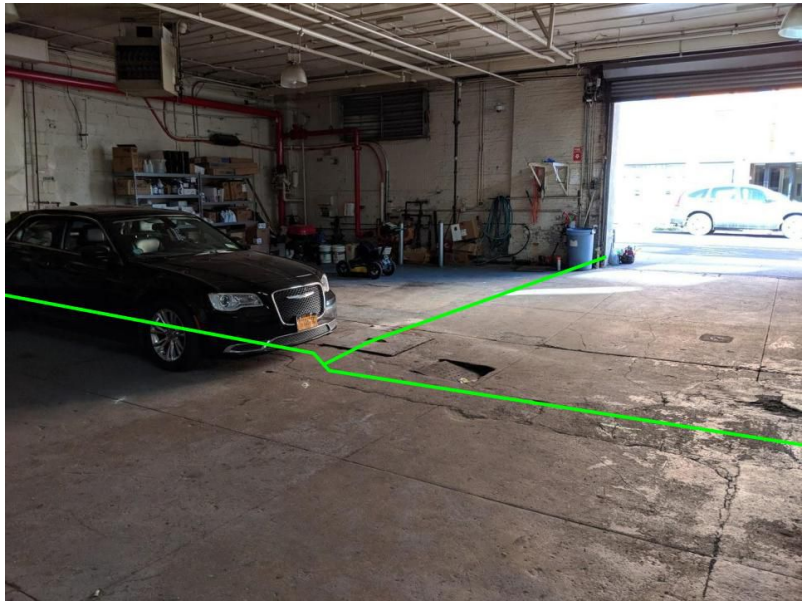
- Survey Area
- Water
- Sewer
- Electric
- Telecom
- Gas
- Drain

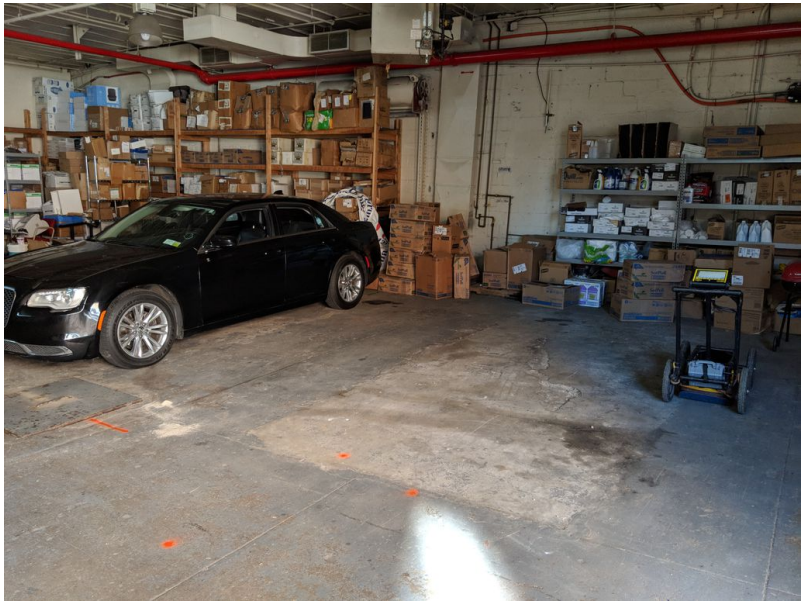
GEOPHYSICAL IMAGES

Commercial Site
335 Bond Street,
Brooklyn, New York 11231
July 7th, 2018



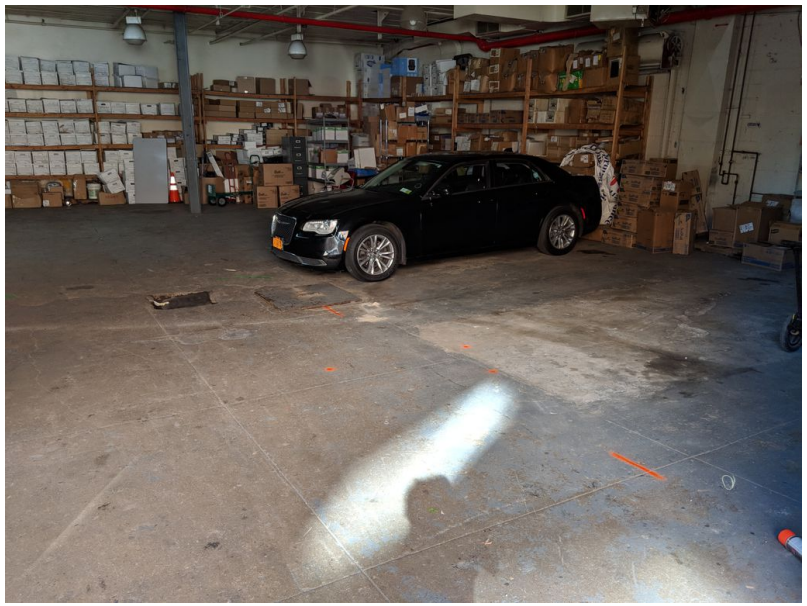


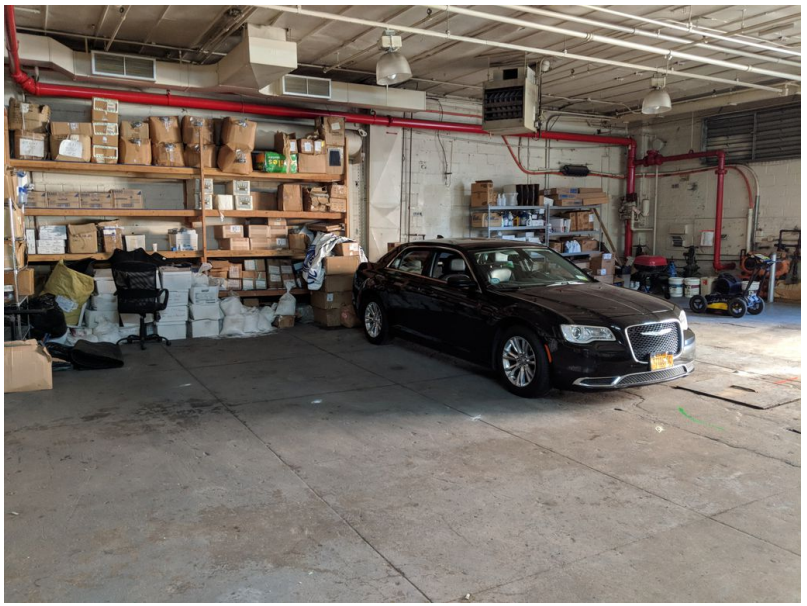


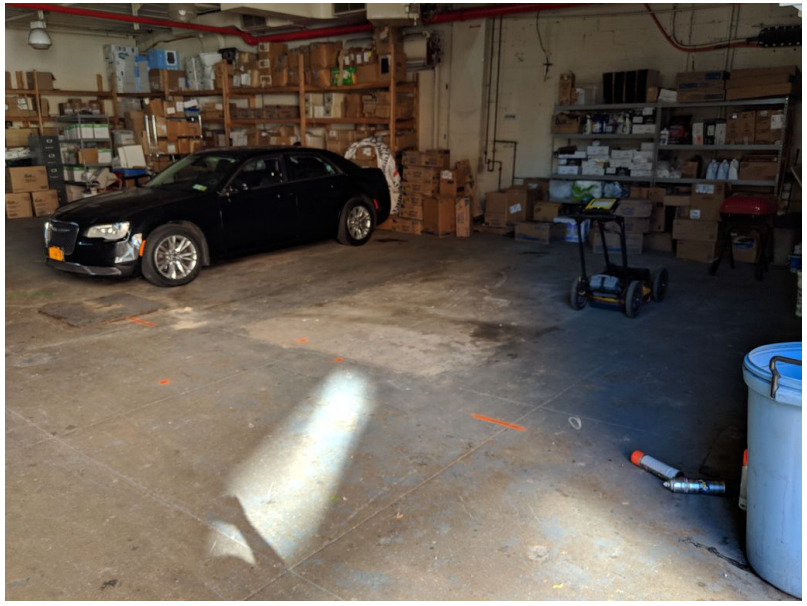


GEOPHYSICAL IMAGES

Commercial Site
335 Bond Street,
Brooklyn, New York 11231
July 7th, 2018





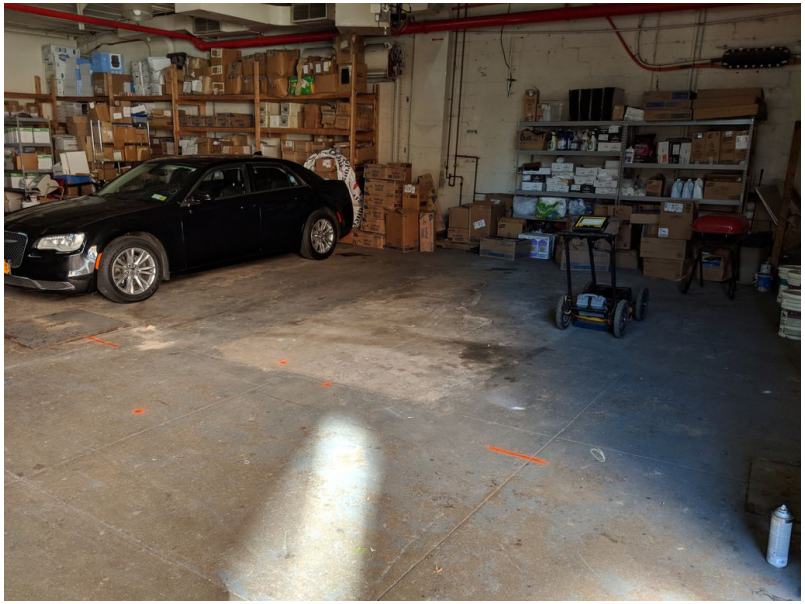


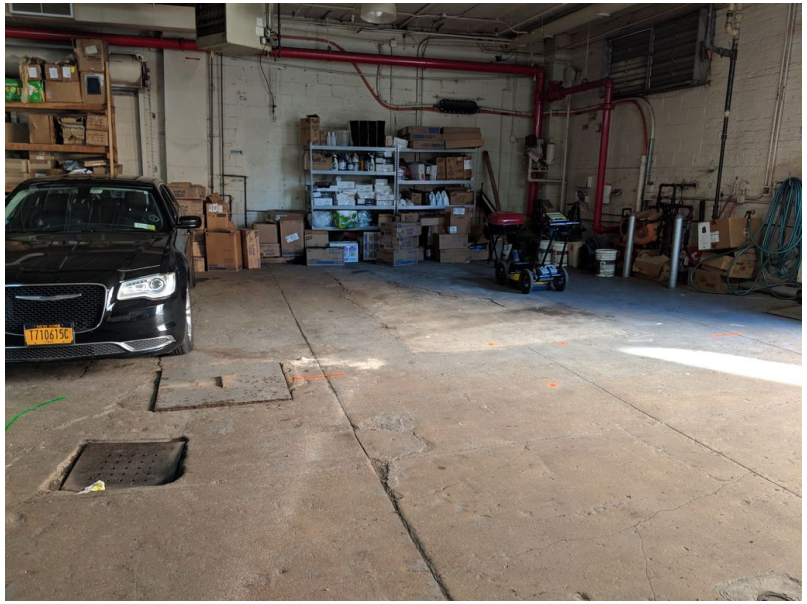


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335 Bond Street,
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July 7th, 2018







APPENDIX C

Soil Boring Logs

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Log of Boring **SB06** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 3/11/17 — Date Finished: 3/11/17
Drilling Equipment: Geoprobe 420M	Completion Depth: 15 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 5 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ~10' — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Daybi Pachero
Sampler: 2" x 3' long macrocore	Field Engineer: Kim Nagotko
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0	R1a (0-10") Loose, brown, medium SAND, trace fine gravel, brick fragments, glass fragments (dry) [FILL]	0	R1	MACROCORE	20/36		0.0	0950: Begin drilling
		R1b (10-20") Loose, tan, fine SAND, some medium sand, trace white speckles, brick fragments (dry) [FILL]	1					0.0	
			2					0.1	
			3					0.0	
			4	R2	MACROCORE	18/36			
	-5.0	R2a (0-11") Loose, light brown, medium SAND, trace fine gravel, brick fragments (dry) [FILL]	5					0.0	
		R2b (11-14") Loose, reddish-brown, fine SAND (moist)						0.0	
		R2c (14-18") Loose, light brown, fine SAND (moist)	6					0.0	
			7	R3	MACROCORE	16/36		0.0	
		R3a (0-4") Loose, light brown, fine SAND (moist)						22.9	Petroleum-like odors
		R3b (4-10") Medium dense, dark brown, fine SAND, trace fine gravel (moist)	8					4.5	1010: Collect SB06_7.5-8
		R3c (10-16") Dense, reddish-brown, fine SAND (moist)						0.0	1015: Collect SB06_8-9
			9						
		R4a (0-10") Loose, light brown, fine SAND, trace fine gravel (wet)	10	R4	MACROCORE	24/36		0.0	Groundwater at about 10 ft bgs.
								0.0	
		R4b (10-24") Loose, light brown, fine SAND, some silt (wet)	11					0.0	
								0.0	
			12					0.0	
		R5a (0-16") Loose, light brown, medium SAND, trace fine gravel, trace shell fragments (moist)		R5	MACROCORE	36/36		0.0	
			13					0.0	
		R5b (16-31") Medium dense, light brown, fine SAND, some silt, trace fine gravel (moist)						0.0	
			14					0.0	
	-14.5							0.0	
	-15.0	R5c (31-36") Firm, grey, CLAY, some organics (moist)	15						End of boring at about 15' bgs. Boring converted into MW06. Screened interval between 5-15' bgs. Soil cuttings were placed in a drum for future off-site disposal.
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB07** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 3/12/17 — Date Finished: 3/12/17
Drilling Equipment: Geoprobe 420M	Completion Depth: 15 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 5 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ~12' — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Tim Kelly
Sampler: 2" x 3' long macrocore	Field Engineer: Kim Nagotko
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0	(0-3") CONCRETE slab	0					0.0	0810: Begin drilling
	-0.7	R1a (0-4") CONCRETE fragments							
		R1b (4-11") Loose, light brown, medium SAND, trace fine sand, concrete fragments (dry) [FILL]	1	R1	MACROCORE	11/36		0.0	0910: Collect SB07_0-1
			2						
			3						
			4	R2	MACROCORE	14/36			
		R2a (0-11") Loose, dark brown, medium SAND, some fine gravel, brick fragments, concrete fragments (dry) [FILL]	5					0.0	0915: Collect SB07_5-6
		R2b (11-14") Loose, beige to reddish-brown, fine SAND, trace silt, trace fine gravel, brick fragments (moist) [FILL]	6					0.0	
			7	R3	MACROCORE	12/36			
	-8.0		8					0.0	
		R3 (0-12") Loose, brown, fine SAND, some fine gravel, trace mica, trace silt (moist)						0.0	
			9					0.0	
		R4a (0-10") Loose, brown, medium SAND, trace fine sand, trace fine gravel, trace coarse sand (moist)	10	R4	MACROCORE	24/36		0.0	
								0.0	
		R4b (10-24") Loose, brown, fine SAND, some fine gravel (moist to wet at about 12' bgs)	11					0.0	
								0.0	
			12					0.0	Groundwater at 11.8 ft bgs.
			13	R5	MACROCORE	12/36			
		R5a (0-5") Loose, dark brown, fine SAND, some silt (wet)	14					0.0	
		R5b (5-12") Loose, dark brown, medium SAND, some coarse sand, trace fine gravel, trace fine sand (moist)						0.0	
	-15.0		15						End of boring at about 15' bgs. Clean soil cuttings were used to backfill boring location. Concrete finish over boring location.
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB08** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 3/12/17 — Date Finished: 3/12/17
Drilling Equipment: Geoprobe 420M	Completion Depth: 9 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 3 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Tim Kelly
Sampler: 2" x 3' long macrocore	Field Engineer: Kim Nagotko
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0		0						
	-0.6	(0-3") CONCRETE slab R1a (0-3") CONCRETE fragments						0.0	0720: Begin drilling
		R1b (3-4") Loose, dark brown, medium SAND, trace fine gravel, asphalt, concrete fragments (dry) [FILL]	1	R1	MACROCORE	9/36		0.0	0750: Collect SB08_0-1
		R1c (4-9") Loose, brown, medium SAND, trace fine gravel, trace fine sand, brick fragments (dry) [FILL]	2						
			3						
	-4.5	R2a (0-12") Loose, reddish-brown, medium SAND, trace fine gravel (moist)	4	R2	MACROCORE	15/36			
			5					0.0	0805: Collect SB08_5-6
		R2b (12-15") Loose, dark brown, fine SAND, trace fine gravel (moist)						0.0	
			6						
			7	R3	MACROCORE	5/36			
			8						Hit refusal twice at about 9' bgs. Boulder fragments observed in drill bit.
	-9.0	R3 (0-5") Loose, dark brown, fine SAND, trace fine gravel (moist)						0.0	
			9					0.0	End of boring at about 9' bgs. Clean soil cuttings were used to backfill boring. Concrete finish over boring location.
			10						
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB09** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 3/12/17 — Date Finished: 3/12/17
Drilling Equipment: Geoprobe 420M	Completion Depth: 15 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 5 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ~10' — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Tim Kelly
Sampler: 2" x 3' long macrocore	Field Engineer: Kim Nagotko
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0		0						0925: Begin drilling
		(0-3") CONCRETE slab R1a (0-4") CONCRETE fragments						0.0	
	-0.8	R1b (4-15") Loose, brown, medium SAND, trace fine gravel, trace organics, brick fragments, concrete fragments (dry) [FILL]	1	R1	MACROCORE	15/36		0.7	1010: Collect SB09_0-1
			2					0.2	
			3						
			4	R2	MACROCORE	6/36			
			5						
		R2 (0-6") Loose, brown, medium SAND, trace fine sand, trace fine gravel, brick fragments (moist) [FILL]						0.0	
			6					0.1	
			7	R3	MACROCORE	15/36			
	-8.0	R3a (0-4") Loose, brown, fine SAND, trace fine gravel, trace silt, brick fragments (moist) [FILL]	8					0.0	1015: Collect SB09_7.5-8
	-8.4	R3b (4-6") Loose, fine GRAVEL lense						0.0	
		R3c (6-15") Loose, brown, medium SAND, trace fine gravel (moist)	9						
		R4a (0-3") Loose, brown, fine SAND, some silt, trace medium SAND (wet)	10					0.0	
		R4b (3-18") Loose, dark brown, medium SAND, some coarse sand, some fine gravel (moist)		R4	MACROCORE	26/36		0.0	
		R4c (18-26") Loose, light brown, fine SAND, some silt, trace fine gravel (moist)	11					0.0	Groundwater at about 10 ft bgs.
								0.0	
			12					0.0	
			13	R5	MACROCORE	4/36			
			14						
		R5 (0-4") Loose, dark brown, medium SAND, some fine gravel, some fine sand, trace silt (wet)						0.0	
	-15.0		15						End of boring at about 15' bgs. Boring converted into MW09. Screened interval between 5-15' bgs. Soil cuttings were placed in a drum for future off-site disposal. Manhole cover to finish.
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB10** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 3/12/17 — Date Finished: 3/12/17
Drilling Equipment: Geoprobe 420M	Completion Depth: 15 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 5 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ~7.5' — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Tim Kelly
Sampler: 2" x 3' long macrocore	Field Engineer: Kim Nagotko
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0		0						
	-0.3	(0-3") CONCRETE slab							1025: Begin drilling
		R1 (0-10") Loose, light brown, medium SAND, concrete fragments, brick fragments, glass (dry) [FILL]	1	R1	MACROCORE	10/36		0.0 0.0 0.0	1130: Collect SB10_0-1
	-1.5								
	-1.8	(0-3") CONCRETE slab	2						
			3						
		R2a (0-11") Loose, brown, medium SAND, trace fine gravel, concrete fragments (moist) [FILL]	4	R2	MACROCORE	12/36			
	-5.2	R2c (11-12") Loose, dark brown, fine SAND, trace fine gravel (moist)	5					0.0 0.0	1155: Collect SB10_5-6
		R3a (0-15") Loose, dark brown, medium SAND, some fine gravel, some fine sand, trace gravel (moist)	6						0.5-inch thick anuglar, fine gravel lense
	-7.0	R3b (15-18") Loose, grey, fine SAND, trace medium sand (wet)	7	R3	MACROCORE	36/36		0.0 0.0	
	-7.8	R3c (18-23") Loose, fine GRAVEL, trace organics (moist)						0.0	Groundwater at about 7.5 ft bgs.
	-8.2	R3d (23-27") Loose, light grey, SILTY SAND (moist)	8					0.0	
		R3e (27-36") Medium dense, reddish-brown, fine SAND, trace silt (moist)						0.0	
		R4a (0-9") Loose, dark brown, medium SAND, trace coarse sand (wet)	9					0.0	
		R4b (9-34") Medium dense, dark brown, fine SAND, trace silt, trace fine gravel (moist)	10	R4	MACROCORE	36/36		0.0 0.0	
	-11.7		11						
	-12.0	R4c (34-36") Soft, grey, CLAY, trace organics, trace shell fragments (moist)	12						
			13						
		NO RECOVERY	14	R5	MACROCORE	0/36		N/A	
	-15.0		15						End of boring at about 15' bgs. Boring converted into MW10. Screened interval between 5-15' bgs. Soil cuttings were placed in a drum for off-site disposal. Manhole cover to finish.
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB11** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 3/12/17 — Date Finished: 3/12/17
Drilling Equipment: Geoprobe 420M	Completion Depth: 15 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 5 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ~9' — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Tim Kelly
Sampler: 2" x 3' long macrocore	Field Engineer: Kim Nagotko
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0		0						
	-0.6	(0-3") CONCRETE slab R1a (0-3") CONCRETE fragments							
	-1.1 -1.3	R1b (3-8") Loose, dark brown, fine SAND, trace organics, trace fine gravel, brick fragments (dry) [FILL] R1c (8-12") CONCRETE fragments R1d (12-16") Loose, brown, medium SAND, trace fine gravel, brick fragments, concrete fragments (dry) [FILL]	1 2 3	R1	MACROCORE	16/36		0.0 0.0	1415: Collect SB11_0-1
	-4.8	R2a (0-10") Loose, brown, medium SAND, trace fine gravel, trace organics, brick fragments (dry) [FILL]	4 5	R2	MACROCORE	20/36		0.0 0.0 0.0	1420: Collect SB11_4-5 Collect SODUP01_031217 from this interval
	-5.3	R2b (10-15") Loose, fine GRAVEL, trace glass, coal flecks (moist) [FILL] R2c (15-20") Loose, reddish-brown, fine SAND, trace fine gravel (moist)	6 7	R3	MACROCORE	12/36			
		R3a (0-4") Loose, brown, fine SAND, trace fine gravel (moist) R3b (4-12") Loose, grey, fine SAND, trace fine gravel (wet)	8 9					0.0 0.0	Groundwater at about 9 ft bgs.
		R4a (0-6") Loose, grey, medium SAND, some coarse sand, some fine gravel (wet)	10	R4	MACROCORE	21/36		0.0 0.0	
	-11.0	R4b (6-13") Medium dense, brown, medium SAND, trace fine gravel, trace silt (moist) R4c (13-16") Loose, brown, SILTY SAND, trace fine gravel (moist)	11 12					0.0 0.0	Unconsolidated recovery
		R5 (0-10") Loose, brown, SILTY SAND, trace fine gravel (wet)	13 14	R5	MACROCORE	10/36		0.0 0.0	
	-15.0		15 16 17 18 19 20						End of boring at about 15' bgs. Boring converted into MW11. Screened interval between 5-15' bgs. Soil cuttings were placed in a drum for off-site disposal. Manhole cover to finsh.

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Log of Boring **SB12** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 3/11/17 — Date Finished: 3/11/17
Drilling Equipment: Geoprobe 420M	Completion Depth: 15 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 5 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ~8.5' — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Daybi Pachero
Sampler: 2" x 3' long macrocore	Field Engineer: Kim Nagotko
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0		0						
	-0.2	R1a (0-1") CONCRETE fragments							
		R1b (1-14") Loose, dark brown, medium SAND, brick fragments, concrete fragments, asphalt (dry) [FILL]	1	R1	MACROCORE	14/36		0.0	1235: Collect SB12_0-1
			2					0.0	
			3					0.0	
			4	R2	MACROCORE	13/36			1245: Collect SB12_4.5-5
	-5.4	R2a (0-4") Loose, dark brown, medium SAND, trace coarse sand, trace fine gravel, concrete fragments (dry) [FILL]	5					0.0	
		R2b (4-15") Loose, reddish-brown, fine SAND, trace silt (moist)	6					0.0	
			7	R3	MACROCORE	5/36			
		R3 (0-5") Loose, brown, fine SAND, some silt (wet)	8					0.0	Groundwater at about 8.5 ft bgs.
			9						
			10	R4	MACROCORE	13/36			
		R4a (0-9") Loose, light brown, medium SAND, trace silt, trace fine gravel (wet)	11					0.0	
		R4b (9-13") Loose, light brown, fine SAND, some silt, trace fine gravel (moist)	12					0.0	
			13	R5	MACROCORE	12/36			
		R5 (0-12") Loose, light brown, fine SAND, some silt, trace fine gravel (wet)	14					0.0	
	-15.0		15						End of boring at about 15' bgs. Clean soil cuttings were used to backfill boring location. Concrete finish over boring location.
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB13** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 3/12/17 — Date Finished: 3/12/17
Drilling Equipment: Geoprobe 420M	Completion Depth: 2 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 0 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Tim Kelly
Sampler: 2" x 3' long macrocore	Field Engineer: Kim Nagotko
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0		0						1440: Begin drilling
	-0.3	(0-3") CONCRETE slab							
		NO RECOVERY	1	R1	MACROCORE	0/24		N/A	Concrete refusal at about 2' bgs. Redrill about 5' from the parent boring location. Concrete refusal at about 2' bgs.
	-2.0		2						End of boring at about 2' bgs. Locations were backfilled and capped with cement.
			3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB14** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 3/11/17 — Date Finished: 3/11/17
Drilling Equipment: Geoprobe 420M	Completion Depth: 15 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 5 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ~8.5' — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Daybi Pachero
Sampler: 2" x 3' long macrocore	Field Engineer: Kim Nagotko
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0		0						
	-0.4	R1a (0-4") CONCRETE fragments							
		R1b (4-16") Loose, brown, fine SAND, some medium sand, trace fine gravel, concrete fragments, brick fragments (dry) [FILL]	1	R1	MACROCORE	16/36		0.0 0.0 0.0	1145: Collect SB14_0.5-1.5
			2						
			3						
			4	R2	MACROCORE	18/36		0.0	
		R2 (0-18") Loose, brown, medium SAND, trace fine gravel, brick fragments (dry) [FILL]	5					0.0 0.0	1155: Collect SB14_5-6
			6						
	-7.5		7	R3	MACROCORE	16/36		0.0	
		R3a (0-8") Loose, brown, medium SAND, trace silt, trace fine sand, trace fine gravel (moist)	8					0.0	
		R3b (8-16") Loose, light brown, fine SAND, some silt (wet)						0.0	Groundwater at about 8.5' bgs.
			9						
			10	R4	MACROCORE	10/36			
		R4 (0-11") Loose, light brown, fine SAND, some silt, trace fine gravel (moist)	11					0.0	
		R5a (0-15") Loose, light brown, fine SAND, some silt, trace fine gravel (wet)	12	R5	MACROCORE	36/36		0.0 0.0 0.0 0.0	
	-13.8	R5b (15-20") Loose, dark brown, medium SAND, trace fine gravel (moist)	13						
		R5c (20-36") Firm, grey, CLAY, trace organics (moist)	14					0.0 0.0	
	-15.0		15						End of boring at about 15' bgs. Boring converted into MW14. Screened interval between 5-15' bgs. Soil cuttings were placed in a drum for future off-site disposal. Manhole cover to finish.
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB15** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 7/18/18 — Date Finished: 7/18/18
Drilling Equipment: Geoprobe 7822DT	Completion Depth: 10 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 0 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 7.5 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Daybi Pachero
Sampler: 5 foot acetate	Field Engineer: Kyle Twombly
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0		0						
	-0.5	(0-6") Pulverized concrete							
		R1 (6-35") Dark brown medium SAND, trace fine sand, trace gravel, red brick, glass (dry) [FILL]	1					0.0	
								0.1	1020: Begin advancing SB15.
			2	R1	MACROCORE	35/60		0.0	
								5.1	
			3					0.3	
								0.0	
			4						
			5						
			6						
			7						
	-7.5	▽							
		R2a (0-6") Reddish-brown fine SAND, trace silt (moist)						0.0	
			8					0.0	
		R2b (6-30") Light brown fine SAND, trace medium sand, trace silt (moist-wet)		R2	MACROCORE	30/60		0.0	
			9					0.0	
								0.0	
	-10.0		10						End of boring at 10 feet below grade surface. Boring was converted into MW15. See well construction log.
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB16** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 7/18/18 — Date Finished: 7/18/18
Drilling Equipment: Geoprobe 7822DT	Completion Depth: 10 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 0 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 7.5 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Daybi Pachero
Sampler: 5 foot acetate	Field Engineer: Kyle Twombly
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0		0					0.0	
	-0.5	(0-6") Pulverized concrete						0.0	
		R1 (6-32") Dark brown medium SAND, trace fine sand, trace silt, trace gravel, red brick, concrete (dry) [FILL]	1					0.0	0830: Begin advancing SB16.
			2					0.0	
			3	R1	MACROCORE	32/60		0.0	
			4					0.3	
			5						
	-6.0	R2 (0-38") Light brown fine SAND, trace medium sand, trace silt (moist-wet)	6					3.2	Sweet odor.
			7 ▽					14.2	
			8	R2	MACROCORE	47/60		7.5	
			9					2.3	
	-10.0		10					0.0	End of boring at approximately 10 feet below grade surface (bgs). A 5-foot step out boring was advanced in the northeast direction due to odors and PID readings at approximately 6 feet bgs.
			11					0.0	
			12					0.0	
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB16_5** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 7/18/18 — Date Finished: 7/18/18
Drilling Equipment: Geoprobe 7822DT	Completion Depth: 10 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 0 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 7 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Daybi Pachero
Sampler: 5 foot acetate	Field Engineer: Kyle Twombly
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0		0					0.0	
	-0.5	(0-6") Pulverized concrete						0.0	
		R1 (6-23") Dark brown medium SAND, trace fine sand, trace silt, trace gravel, red brick, concrete, glass (dry) [FILL]	1					0.0	0900: Begin advancing SB16_5.
			2	R1	MACROCORE	23/60		0.0	
			3					0.0	
			4						
			5						
	-7.0	▽	6						
		R2 (0-31") Light brown fine SAND, trace silt (wet)	7	R2	MACROCORE	31/60		0.2	
			8					0.3	
			9					0.1	
	-10.0		10					0.0	End of boring at approximately 10 feet below grade surface. Boring was convereted into MW16. See well construction logs.
			11					0.0	
			12					0.0	
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB17** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 7/18/18 — Date Finished: 7/18/18
Drilling Equipment: Geoprobe 7822DT	Completion Depth: 10 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 0 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 8 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Daybi Pachero
Sampler: 5 foot acetate	Field Engineer: Kyle Twombly
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0		0					0.0	
	-0.5	(0-6") Pulverized concrete						0.0	
		R1 (6-22") Brown medium SAND, trace fine sand, trace silt, trace gravel, red brick, concrete (dry) [FILL]	1					0.0	1100: Begin advancing SB17.
			2	R1	MACROCORE	22/60		0.0	
			3					0.1	
			4						
			5						
	-7.0		6						
		R2a (0-5") Reddish-brown fine SAND, some silt (wet)	7					0.1	
		R2b (5-34") Light brown fine SAND, trace medium sand, trace silt (moist) ▽	8	R2	MACROCORE	34/60		0.1	
			9					0.0	
	-10.0		10					0.0	End of boring at approximately 10 feet below grade surface. Boring was converted into MW17. See well construction log.
			11					0.0	
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB18** Sheet 1 of 1

Project: 335 Bond Street	Project No.: 170362501
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: AARCO	Date Started: 7/18/18 — Date Finished: 7/18/18
Drilling Equipment: Geoprobe 7822DT	Completion Depth: 10 ft — Rock Depth: N/A
Size and Type of Bit: Direct Push, 2-inch diameter	Number of Samples: Disturbed 0 — Undisturbed N/A — Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 8 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Daybi Pachero
Sampler: 5 foot acetate	Field Engineer: Kyle Twombly
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	0.0		0					0.0	
	-0.5	(0-6") Pulverized concrete							
		R1 (6-24") Dark brown medium SAND, trace fine sand, trace gravel, red brick, concrete (dry) [FILL]	1					0.0	1145: Begin advancing SB18.
			2	R1	MACROCORE	24/60		0.0	
			3						
			4						
			5						
			6						
	-7.0								
		R2 (0-36") Light brown fine SAND, trace medium sand, trace silt (wet) ▽	7	R2	MACROCORE	36/60		0.0	
			8					0.0	
			9					0.0	
	-10.0		10					0.0	End of boring at approximately 10 feet below grade surface. Boring was converted into MW18. See well construction log.
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

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APPENDIX D

Groundwater Well Construction Logs and Sampling Forms

WELL CONSTRUCTION SUMMARY
Well No. MW06

PROJECT 335 Bond Street	PROJECT NO. 170362501
LOCATION Brooklyn, New York	ELEVATION AND DATUM N/A
DRILLING AGENCY AARCO	DATE STARTED / DATE FINISHED 3/11/2017 / 3/11/2017
DRILLING EQUIPMENT Geoprobe 420 M	DRILLER Daybi Pachero
SIZE AND TYPE OF BIT Direct Push, 2-inch diameter	INSPECTOR Kim Nagotko

METHOD OF INSTALLATION

AARCO advance soil boring SB06 to about 15' bgs and converted location to groundwater monitoring well MW06. The well was constructed with a 1-inch diameter polyvinyl chloride casing with a screen from 5 to 15' bgs and a 5' riser to grade. The well annulus around the screen was backfilled to about 3'bgs using #2 sand. The remainder of the well was backfilled to grade using hydrated bentonite chips. The well was finished with a flush-mounted metal manhole cover.

METHOD OF WELL DEVELOPMENT

AARCO developed MW06 using a pump until the water became clear. Purged groundwater was placed in a drum for future off-site disposal.

TYPE OF CASING PVC	DIAMETER 1-inch	TYPE OF BACKFILL MATERIAL None	
TYPE OF SCREEN PVC	DIAMETER 1-inch	TYPE OF SEAL MATERIAL Hydrated bentonite chips	
BOREHOLE DIAMETER 4-inch		TYPE OF FILTER MATERIAL No. 2 sand	

	ELEVATION	DEPTH (ft)
TOP OF CASING	--	0.2
TOP OF SEAL	--	0
TOP OF FILTER	--	3
TOP OF SCREEN	--	5
BOTTOM OF BORING	--	15

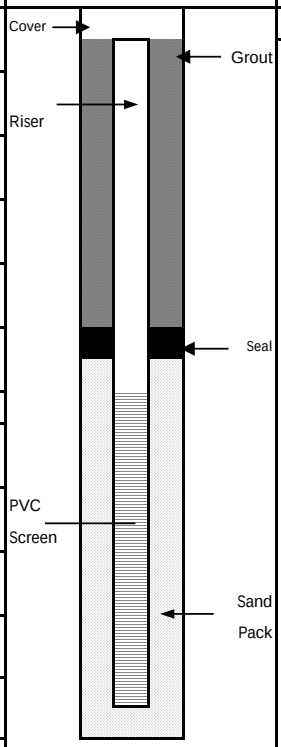
SCREEN LENGTH: 10-feet

SLOT SIZE: 0.020-inch

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
--		

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
See boring log	
	3.0
	5.0
	15.0

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WELL CONSTRUCTION SUMMARY
Well No. MW09

PROJECT 335 Bond Street	PROJECT NO. 170362501
LOCATION Brooklyn, New York	ELEVATION AND DATUM N/A
DRILLING AGENCY AARCO	DATE STARTED / DATE FINISHED 3/12/2017 — 3/12/2017
DRILLING EQUIPMENT Geoprobe 420 M	DRILLER Tim Kelly
SIZE AND TYPE OF BIT Direct Push, 2-inch diameter	INSPECTOR Kim Nagotko

METHOD OF INSTALLATION

AARCO advance soil boring SB09 to about 15' bgs and converted location to groundwater monitoring well MW09. The well was constructed with a 1-inch diameter polyvinyl chloride casing with a screen from 5 to 15' bgs and a 5' riser to grade. The well annulus around the screen was backfilled to about 3'bgs using #2 sand. The remainder of the well was backfilled to grade using hydrated bentonite chips. The well was finished with a flush-mounted metal manhole cover.

METHOD OF WELL DEVELOPMENT

AARCO developed MW09 using a pump until the water became clear. Purged groundwater was placed in a drum for future off-site disposal.

TYPE OF CASING PVC	DIAMETER 1-inch	TYPE OF BACKFILL MATERIAL None	
TYPE OF SCREEN PVC	DIAMETER 1-inch	TYPE OF SEAL MATERIAL Hydrated bentonite chips	
BOREHOLE DIAMETER 4-inch		TYPE OF FILTER MATERIAL No. 2 sand	

	ELEVATION	DEPTH (ft)
TOP OF CASING	--	0.2
TOP OF SEAL	--	0
TOP OF FILTER	--	3
TOP OF SCREEN	--	5
BOTTOM OF BORING	--	15

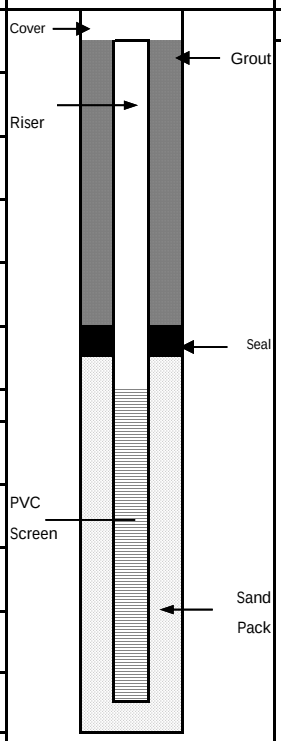
SCREEN LENGTH: 10-feet

SLOT SIZE: 0.020-inch

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
--		

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
See boring log	
	3.0
	5.0
	15.0

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WELL CONSTRUCTION SUMMARY
Well No. MW10

PROJECT 335 Bond Street	PROJECT NO. 170362501
LOCATION Brooklyn, New York	ELEVATION AND DATUM N/A
DRILLING AGENCY AARCO	DATE STARTED 3/12/2017 DATE FINISHED 3/12/2017
DRILLING EQUIPMENT Geoprobe 420 M	DRILLER Tim Kelly
SIZE AND TYPE OF BIT Direct Push, 2-inch diameter	INSPECTOR Kim Nagotko

METHOD OF INSTALLATION

AARCO advance soil boring SB10 to about 15' bgs and converted location to groundwater monitoring well MW10. The well was constructed with a 1-inch diameter polyvinyl chloride casing with a screen from 5 to 15' bgs and a 5' riser to grade. The well annulus around the screen was backfilled to about 3'bgs using #2 sand. The remainder of the well was backfilled to grade using hydrated bentonite chips. The well was finished with a flush-mounted metal manhole cover.

METHOD OF WELL DEVELOPMENT

AARCO developed MW10 using a pump until the water became clear. Purged groundwater was placed in a drum for future off-site disposal.

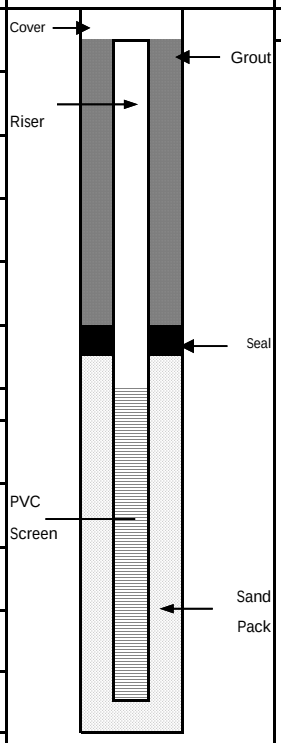
TYPE OF CASING PVC	DIAMETER 1-inch	TYPE OF BACKFILL MATERIAL None	
TYPE OF SCREEN PVC	DIAMETER 1-inch	TYPE OF SEAL MATERIAL Hydrated bentonite chips	
BOREHOLE DIAMETER 4-inch		TYPE OF FILTER MATERIAL No. 2 sand	

TOP OF CASING ELEVATION --	DEPTH (ft) 0.2	
TOP OF SEAL ELEVATION --	DEPTH (ft) 0	
TOP OF FILTER ELEVATION --	DEPTH (ft) 3	
TOP OF SCREEN ELEVATION --	DEPTH (ft) 5	
BOTTOM OF BORING ELEVATION --	DEPTH (ft) 15	
SCREEN LENGTH 10-feet		
SLOT SIZE 0.020-inch		

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
--		

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
See boring log	
	3.0
	5.0
	15.0

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WELL CONSTRUCTION SUMMARY
Well No. MW11

PROJECT 335 Bond Street	PROJECT NO. 170362501
LOCATION Brooklyn, New York	ELEVATION AND DATUM N/A
DRILLING AGENCY AARCO	DATE STARTED 3/12/2017 DATE FINISHED 3/12/2017
DRILLING EQUIPMENT Geoprobe 420 M	DRILLER Tim Kelly
SIZE AND TYPE OF BIT Direct Push, 2-inch diameter	INSPECTOR Kim Nagotko

METHOD OF INSTALLATION

AARCO advance soil boring SB11 to about 15' bgs and converted location to groundwater monitoring well MW11. The well was constructed with a 1-inch diameter polyvinyl chloride casing with a screen from 5 to 15' bgs and a 5' riser to grade. The well annulus around the screen was backfilled to about 3'bgs using #2 sand. The remainder of the well was backfilled to grade using hydrated bentonite chips. The well was finished with a flush-mounted metal manhole cover.

METHOD OF WELL DEVELOPMENT

AARCO developed MW11 using a pump until the water became clear. Purged groundwater was placed in a drum for future off-site disposal.

TYPE OF CASING PVC	DIAMETER 1-inch	TYPE OF BACKFILL MATERIAL None	
TYPE OF SCREEN PVC	DIAMETER 1-inch	TYPE OF SEAL MATERIAL Hydrated bentonite chips	
BOREHOLE DIAMETER 4-inch		TYPE OF FILTER MATERIAL No. 2 sand	

	ELEVATION	DEPTH (ft)
TOP OF CASING	--	0.2
TOP OF SEAL	--	0
TOP OF FILTER	--	3
TOP OF SCREEN	--	5
BOTTOM OF BORING	--	15

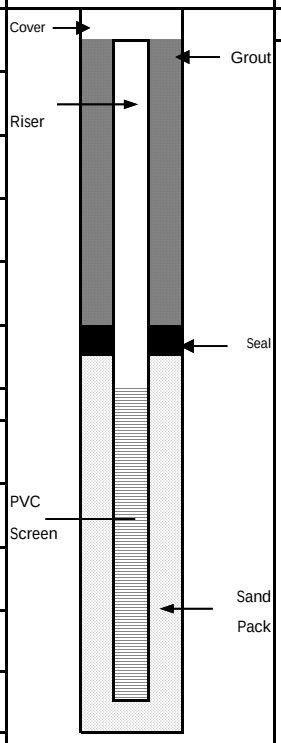
SCREEN LENGTH: 10-feet

SLOT SIZE: 0.020-inch

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
--		

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
See boring log	
	3.0
	5.0
	15.0

LANGAN Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York

WELL CONSTRUCTION SUMMARY
Well No. MW14

PROJECT 335 Bond Street	PROJECT NO. 170362501
LOCATION Brooklyn, New York	ELEVATION AND DATUM N/A
DRILLING AGENCY AARCO	DATE STARTED / DATE FINISHED 3/11/2017 — 3/11/2017
DRILLING EQUIPMENT Geoprobe 420 M	DRILLER Daybi Pachero
SIZE AND TYPE OF BIT Direct Push, 2-inch diameter	INSPECTOR Kim Nagotko

METHOD OF INSTALLATION

AARCO advance soil boring SB14 to about 15' bgs and converted location to groundwater monitoring well MW14. The well was constructed with a 1-inch diameter polyvinyl chloride casing with a screen from 5 to 15' bgs and a 5' riser to grade. The well annulus around the screen was backfilled to about 3'bgs using #2 sand. The remainder of the well was backfilled to grade using hydrated bentonite chips. The well was finished with a flush-mounted metal manhole cover.

METHOD OF WELL DEVELOPMENT

AARCO developed MW14 using a pump until the water became clear. Purged groundwater was placed in a drum for future off-site disposal.

TYPE OF CASING PVC	DIAMETER 1-inch	TYPE OF BACKFILL MATERIAL None	
TYPE OF SCREEN PVC	DIAMETER 1-inch	TYPE OF SEAL MATERIAL Hydrated bentonite chips	
BOREHOLE DIAMETER 4-inch		TYPE OF FILTER MATERIAL No. 2 sand	

	ELEVATION	DEPTH (ft)
TOP OF CASING	--	0.2
TOP OF SEAL	--	0
TOP OF FILTER	--	3
TOP OF SCREEN	--	5
BOTTOM OF BORING	--	15

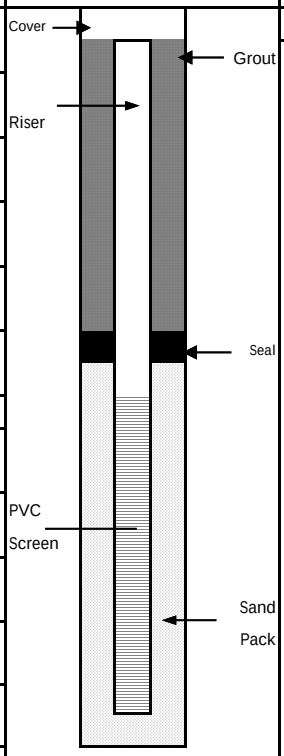
SCREEN LENGTH: 10-feet

SLOT SIZE: 0.020-inch

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
--		

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
See boring log	
	3.0
	5.0
	15.0

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW15

PROJECT		PROJECT NO.	
335 Bond Street		170362501	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. NA	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
AARCO Environmental Services, Corp.		7/7/2018	7/7/2018
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Daybi Pachero	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Kyle Twombly	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch.	No. 1 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch.	No. 1 Sand	Neat Grout

METHOD OF INSTALLATION

Geoprobe 7822 DT was used to advance the boring to approximately 12 feet bgs. A two-inch (2") PVC monitoring well was installed which consisted of 5 feet of 10 slot (0.010-inch) well screen, and 5 feet of solid 2" PVC riser. Well screen was installed from approximately 5 to 10 feet bgs with riser from 5 feet bgs to surface.

WELL DEVELOPMENT DATA

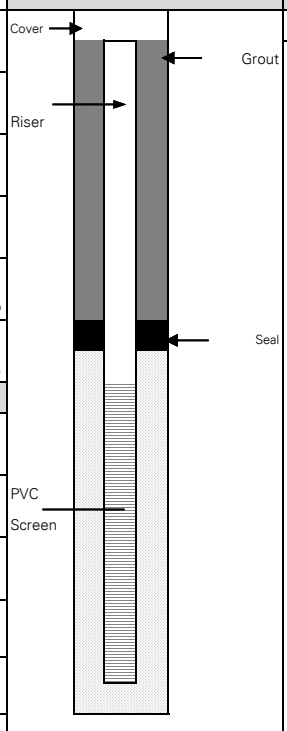
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 LPM	Well developed until purged groundwater was no longer turbid.
NUMBER OF SURGE CYCLES	3	**TOTAL VOLUME**	5 gal	

TOP OF CASING **ELEVATION**	NA	**DEPTH (ft)** 0
TOP OF SEAL **ELEVATION**		**DEPTH (ft)** 3
TOP OF FILTER **ELEVATION**		**DEPTH (ft)** 4
TOP OF SCREEN **ELEVATION**		**DEPTH (ft)** 5.2
BOTTOM OF BORING **ELEVATION**		**DEPTH (ft)** 12
SCREEN LENGTH		5
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
	7/7/2018	6.15 ft
	7/18/2018	5.76 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
Asphalt	
	3
	4
	5.15
	10.15
	12.00

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW16

PROJECT		PROJECT NO.	
335 Bond Street		170362501	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. NA	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
AARCO Environmental Services, Corp.		7/7/2018	7/7/2018
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Daybi Pachero	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Kyle Twombly	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch.	No. 1 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch.	No. 1 Sand	Neat Grout

METHOD OF INSTALLATION

Geoprobe 7822 DT was used to advance the boring to approximately 12 feet bgs. A two-inch (2") PVC monitoring well was installed which consisted of 5 feet of 10 slot (0.010-inch) well screen, and 5 feet of solid 2" PVC riser. Well screen was installed from approximately 5 to 10 feet bgs with riser from 5 feet bgs to surface.

WELL DEVELOPMENT DATA

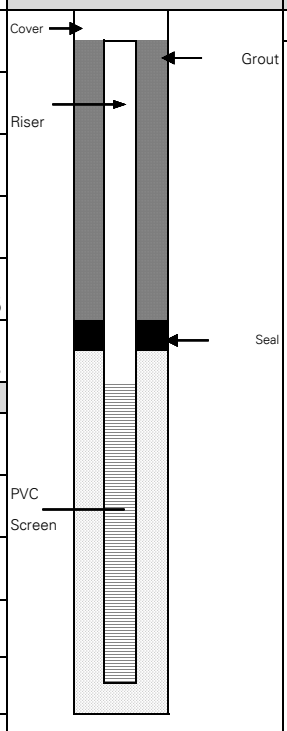
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 LPM	Well developed until purged groundwater was no longer turbid.
NUMBER OF SURGE CYCLES	3	**TOTAL VOLUME**	5 gal	

TOP OF CASING **ELEVATION**	NA	**DEPTH (ft)** 0
TOP OF SEAL **ELEVATION**		**DEPTH (ft)** 3
TOP OF FILTER **ELEVATION**		**DEPTH (ft)** 4
TOP OF SCREEN **ELEVATION**		**DEPTH (ft)** 4.9
BOTTOM OF BORING **ELEVATION**		**DEPTH (ft)** 12
SCREEN LENGTH		5
SLOT SIZE		No. 10 Slot; 0.010 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
	7/7/2018	5.32 ft
	7/18/2018	6.00 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
Asphalt	
	3
	4
	4.89
	9.89
	12.00

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW17

PROJECT		PROJECT NO.	
335 Bond Street		170362501	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. NA	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
AARCO Environmental Services, Corp.		7/7/2018	7/7/2018
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Daybi Pachero	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Kyle Twombly	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch.	No. 1 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch.	No. 1 Sand	Neat Grout

METHOD OF INSTALLATION

Geoprobe 7822 DT was used to advance the boring to approximately 12 feet bgs. A two-inch (2") PVC monitoring well was installed which consisted of 5 feet of 10 slot (0.010-inch) well screen, and 5 feet of solid 2" PVC riser. Well screen was installed from approximately 5 to 10 feet bgs with riser from 5 feet bgs to surface.

WELL DEVELOPMENT DATA

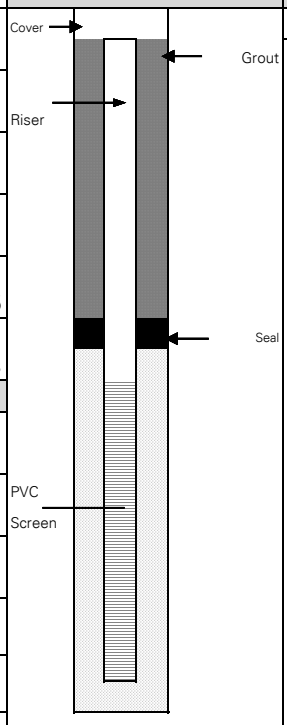
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 LPM	Well developed until purged groundwater was no longer turbid.
NUMBER OF SURGE CYCLES	3	**TOTAL VOLUME**	5 gal	

TOP OF CASING **ELEVATION** NA	**DEPTH (ft)** 0	
TOP OF SEAL **ELEVATION**	**DEPTH (ft)** 3	
TOP OF FILTER **ELEVATION**	**DEPTH (ft)** 4	
TOP OF SCREEN **ELEVATION**	**DEPTH (ft)** 5.0	
BOTTOM OF BORING **ELEVATION**	**DEPTH (ft)** 12	
SCREEN LENGTH	5	
SLOT SIZE	No. 10 Slot; 0.010 Inches	

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
	7/7/2018	6.54 ft
	7/18/2018	6.67 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
Asphalt	
	3
	4
	5.02
	10.02
	12.00

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21 Penn Plaza, 360 West 31st Street, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW18

PROJECT		PROJECT NO.	
335 Bond Street		170362501	
LOCATION		**ELEVATION AND DATUM**	
Brooklyn, NY		el. NA	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
AARCO Environmental Services, Corp.		7/7/2018	7/7/2018
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Daybi Pachero	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Kyle Twombly	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	2-inch.	No. 1 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	2-inch.	No. 1 Sand	Neat Grout

METHOD OF INSTALLATION

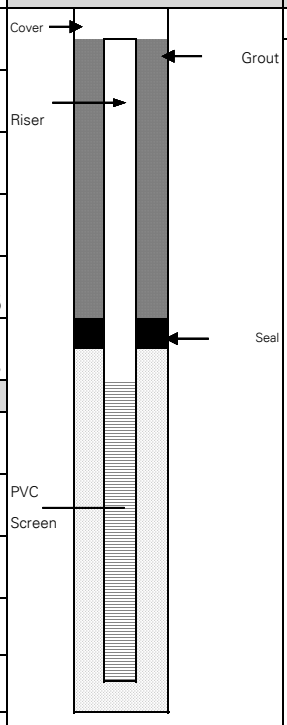
Geoprobe 7822 DT was used to advance the boring to approximately 12 feet bgs. A two-inch (2") PVC monitoring well was installed which consisted of 5 feet of 10 slot (0.010-inch) well screen, and 5 feet of solid 2" PVC riser. Well screen was installed from approximately 5 to 10 feet bgs with riser from 5 feet bgs to surface.

WELL DEVELOPMENT DATA

SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Submersible	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Driller	**MAX PUMP RATE**	1 LPM	Well developed until purged groundwater was no longer turbid.
NUMBER OF SURGE CYCLES	3	**TOTAL VOLUME**	5 gal	

TOP OF CASING **ELEVATION** NA	**DEPTH (ft)** 0	
TOP OF SEAL **ELEVATION**	**DEPTH (ft)** 3	
TOP OF FILTER **ELEVATION**	**DEPTH (ft)** 4	
TOP OF SCREEN **ELEVATION**	**DEPTH (ft)** 4.8	
BOTTOM OF BORING **ELEVATION**	**DEPTH (ft)** 12	
SCREEN LENGTH	5	
SLOT SIZE	No. 10 Slot; 0.010 Inches	

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
Asphalt	
	3
	4
	4.79
	9.79
	12.00

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
	7/7/2018	6.41 ft
	7/18/2018	6.59 ft

GROUND WATER SAMPLE FIELD INFORMATION FORM

Site: 335 Bond Street	**Well#/Location: MW06**	**Job No. 170362501**
Date: 3/19/2017	**Weather: 30-40s F,Sunny**	**Sampling Personnel: A. Scher**

Well Information

Sample ID	MW06_031917
Well Depth (ft)	15
Screened Interval (ft)	5-15
Casing Elevation (msl)	N/A
Casing Diameter (in)	1"
Depth to Water (ft)	6.13
Water Elevation (msl)	N/A
Casing Volume (gal)	0.3
PID/FID Reading (ppm)	N/A

Purging Information

Purging Method	Low flow
Purging Rate (l/m; gpm)	0.1 gpm
Start Purge Time	11:55
End Purge Time	12:35
Volume Purged (gal)	3.25

Sampling Information

Sampling Method	Low flow
Start Sampling Time	12:35
End Sampling Time	12:40
Depth Before Sampling (ft)	6.13
Number Bottles Collected	44

	Parameters							
Sample Time	**Temp (◦C)**	**pH**	**ORP (mV)**	**Conductivity (mS/cm)**	**Turbidity (NTU)**	**Dissolved Oxygen (mg/L)**	**Depth to Water (ft)**	**Purged Volume (gallons)**
11:55	15.54	6.55	-40	2.72	623	3.11	6.13	0.25
12:00	16.61	6.14	-48	2.78	550	1.16	6.13	0.75
12:05	16.62	6.13	-57	2.79	130	1.8	6.13	1.00
12:10	16.54	6.13	-61	2.80	50.5	2.99	6.13	1.75
12:15	16.45	6.13	-63	2.80	47.9	2.45	6.13	2.25
12:20	16.43	6.14	-71	2.77	44.2	2.44	6.13	2.75
12:30	16.37	6.14	-72	2.77	43.8	2.4	6.13	3.00
12:35	16.31	6.15	-74	2.76	43.1	2.39	6.13	3.25

Notes/Remarks

Stability

PH - ± 0.1 unit
Specific Conductance - ± 3%
Temperature - ± 3%
Dissolved Oxygen - ± 10% above 0.5 mg/L
Turbidity - ± 10% above 5 NTU
ORP/Eh - ± 10 millivolts
Maximum flow rate - < 0.5 L/m or 0.13 gpm
Maximum drawdown - < 0.33 feet

Collect: MW06_031917 @ 12:35
GWDUP01_031917 @ 12:45
MS_GW01_031917@ 12:55
MSD_GW01_031917@ 13:05

Remember: Battery Connections - **RED** is **POSITIVE** and **BLACK** is **NEGATIVE**

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

GROUND WATER SAMPLE FIELD INFORMATION FORM

Site: 335 Bond Street	**Well#/Location: MW09**	**Job No. 170362501**
Date: 3/19/2017	**Weather: 30-40s F,Sunny**	**Sampling Personnel: A. Scher**

Well Information

Sample ID	MW09_031917
Well Depth (ft)	15
Screened Interval (ft)	5-15
Casing Elevation (msl)	N/A
Casing Diameter (in)	1"
Depth to Water (ft)	5.95
Water Elevation (msl)	N/A
Casing Volume (gal)	0.3
PID/FID Reading (ppm)	N/A

Purging Information

Purging Method	Low flow
Purging Rate (l/m; gpm)	0.1 gpm
Start Purge Time	14:10
End Purge Time	14:40
Volume Purged (gal)	2.25

Sampling Information

Sampling Method	Low flow
Start Sampling Time	14:45
End Sampling Time	14:55
Depth Before Sampling (ft)	5.95
Number Bottles Collected	11

	Parameters							
Sample Time	**Temp (◦C)**	**pH**	**ORP (mV)**	**Conductivity (mS/cm)**	**Turbidity (NTU)**	**Dissolved Oxygen (mg/L)**	**Depth to Water (ft)**	**Purged Volume (gallons)**
14:10	18.13	6.66	-79	1.65	400	3.00	5.95	0.25
14:15	18.53	6.76	-104	1.12	150	1.23	5.95	0.75
14:20	19	6.81	-107	1.04	35.2	0.74	5.95	1.00
14:25	19.18	6.81	-108	1.03	10.2	0.69	5.95	1.25
14:30	19.22	6.81	-108	1.03	4.2	0.62	5.95	1.75
14:35	19.23	6.81	-108	1.03	3	0.57	5.95	2.00
14:40	19.25	6.81	-108	1.03	1.2	0.56	5.95	2.25

Notes/Remarks

Stability	Collect MW09_031917 @ 14:45
PH - ± 0.1 unit	
Specific Conductance - ± 3%	
Temperature - ± 3%	
Dissolved Oxygen - ± 10% above 0.5 mg/L	
Turbidity - ± 10% above 5 NTU	
ORP/Eh - ± 10 millivolts	
Maximum flow rate - < 0.5 L/m or 0.13 gpm	
Maximum drawdown - < 0.33 feet	

Remember: Battery Connections - **RED** is **POSITIVE** and **BLACK** is **NEGATIVE**

GROUND WATER SAMPLE FIELD INFORMATION FORM

Site: 335 Bond Street	**Well#/Location: MW10**	**Job No. 170362501**
Date: 3/19/2017	**Weather: 30-40s F,Sunny**	**Sampling Personnel: A. Scher**

Well Information

Sample ID	MW10_031917
Well Depth (ft)	15
Screened Interval (ft)	5-15
Casing Elevation (msl)	N/A
Casing Diameter (in)	1"
Depth to Water (ft)	5.91
Water Elevation (msl)	N/A
Casing Volume (gal)	0.3
PID/FID Reading (ppm)	N/A

Purging Information

Purging Method	Low flow
Purging Rate (l/m; gpm)	0.1 gpm
Start Purge Time	15:05
End Purge Time	15:30
Volume Purged (gal)	1.5

Sampling Information

Sampling Method	Low flow
Start Sampling Time	15:35
End Sampling Time	15:45
Depth Before Sampling (ft)	5.91
Number Bottles Collected	11

	Parameters							
Sample Time	**Temp (◦C)**	**pH**	**ORP (mV)**	**Conductivity (mS/cm)**	**Turbidity (NTU)**	**Dissolved Oxygen (mg/L)**	**Depth to Water (ft)**	**Purged Volume (gallons)**
15:05	17.7	6.85	-38	1.35	302	2.84	5.91	0.25
15:10	17.37	6.81	-63	1.44	118	1.79	5.91	0.50
15:15	17.19	6.76	-78	1.41	39.1	0.64	5.91	0.75
15:20	17.15	6.73	-84	1.39	6.8	0.59	5.91	1.00
15:25	17.14	6.72	-87	1.38	7.1	0.5	5.91	1.25
15:30	17.14	6.72	-89	1.37	7	0.52	5.91	1.50

Notes/Remarks

Stability **PH - ± 0.1 unit** **Specific Conductance - ± 3%** **Temperature - ± 3%** **Dissolved Oxygen - ± 10% above 0.5 mg/L** **Turbidity - ± 10% above 5 NTU** **ORP/Eh - ± 10 millivolts** **Maximum flow rate - < 0.5 L/m or 0.13 gpm** **Maximum drawdown - < 0.33 feet**	Collect: MW10_031917 @ 15:35

Remember: Battery Connections - **RED** is **POSITIVE** and **BLACK** is **NEGATIVE**

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

GROUND WATER SAMPLE FIELD INFORMATION FORM

Site: 335 Bond Street	**Well#/Location: MW11**	**Job No. 170362501**
Date: 3/19/2017	**Weather: 30-40s F,Sunny**	**Sampling Personnel: A. Scher**

Well Information

Sample ID	MW11_031917
Well Depth (ft)	15
Screened Interval (ft)	5-15
Casing Elevation (msl)	N/A
Casing Diameter (in)	1"
Depth to Water (ft)	7.23
Water Elevation (msl)	N/A
Casing Volume (gal)	0.3
PID/FID Reading (ppm)	N/A

Purging Information

Purging Method	Low flow
Purging Rate (l/m; gpm)	0.1 gpm
Start Purge Time	16:00
End Purge Time	16:25
Volume Purged (gal)	1.5

Sampling Information

Sampling Method	Low flow
Start Sampling Time	16:35
End Sampling Time	16:40
Depth Before Sampling (ft)	7.23
Number Bottles Collected	11

	Parameters							
Sample Time	**Temp (◦C)**	**pH**	**ORP (mV)**	**Conductivity (mS/cm)**	**Turbidity (NTU)**	**Dissolved Oxygen (mg/L)**	**Depth to Water (ft)**	**Purged Volume (gallons)**
16:00	20.11	6.61	-77	2.02	153	2.03	7.23	0.25
16:05	20.3	6.56	-99	2.26	43.1	1.69	7.23	0.50
16:10	20.36	6.54	-108	2.27	8	1.39	7.23	0.75
16:15	20.38	6.52	-113	2.28	2.4	1.31	7.23	1.00
16:20	20.39	6.52	-113	2.31	1.5	1.28	7.23	1.25
16:25	20.38	6.53	-113	2.33	1.9	1.26	7.23	1.50

Notes/Remarks

Stability	Collect: MW11_031917 @ 16:35
PH - ± 0.1 unit	
Specific Conductance - ± 3%	
Temperature - ± 3%	
Dissolved Oxygen - ± 10% above 0.5 mg/L	
Turbidity - ± 10% above 5 NTU	
ORP/Eh - ± 10 millivolts	
Maximum flow rate - < 0.5 L/m or 0.13 gpm	
Maximum drawdown - < 0.33 feet	

Remember: Battery Connections - **RED** is **POSITIVE** and **BLACK** is **NEGATIVE**

GROUND WATER SAMPLE FIELD INFORMATION FORM

Site: 335 Bond Street	**Well#/Location: MW14**	**Job No. 170362501**
Date: 3/19/2017	**Weather: 30-40s F,Sunny**	**Sampling Personnel: A. Scher**

Well Information

Sample ID	MW14_031917
Well Depth (ft)	15
Screened Interval (ft)	5-15
Casing Elevation (msl)	N/A
Casing Diameter (in)	1"
Depth to Water (ft)	7.37
Water Elevation (msl)	N/A
Casing Volume (gal)	0.3
PID/FID Reading (ppm)	N/A

Purging Information

Purging Method	Low flow
Purging Rate (l/m; gpm)	0.1 gpm
Start Purge Time	10:30
End Purge Time	11:05
Volume Purged (gal)	2

Sampling Information

Sampling Method	Low flow
Start Sampling Time	11:05
End Sampling Time	11:15
Depth Before Sampling (ft)	7.37
Number Bottles Collected	11

	Parameters							
Sample Time	**Temp (◦C)**	**pH**	**ORP (mV)**	**Conductivity (mS/cm)**	**Turbidity (NTU)**	**Dissolved Oxygen (mg/L)**	**Depth to Water (ft)**	**Purged Volume (gallons)**
10:30	13.64	6.54	-61	2.92	67.2	2.21	7.37	0.25
10:35	13.76	6.67	-84	2.96	52.3	6.35	7.37	0.50
10:40	13.79	6.70	-94	3.03	35.6	8.19	7.37	0.75
10:45	13.58	6.75	-104	3.03	15	8.93	7.37	1.00
10:50	13.66	6.74	-104	3.01	6.4	8.73	7.37	1.25
10:55	13.65	6.74	-103	3.02	6.3	8.74	7.37	1.50
11:00	13.65	6.75	-102	3.00	5.8	8.95	7.37	1.75
11:05	13.64	6.76	-106	2.99	5.5	8.94	7.37	2.00

Notes/Remarks

Stability **PH - ± 0.1 unit** **Specific Conductance - ± 3%** **Temperature - ± 3%** **Dissolved Oxygen - ± 10% above 0.5 mg/L** **Turbidity - ± 10% above 5 NTU** **ORP/Eh - ± 10 millivolts** **Maximum flow rate - < 0.5 L/m or 0.13 gpm** **Maximum drawdown - < 0.33 feet**	Collect: MW14_031917 @ 11:05

Remember: Battery Connections - **RED** is **POSITIVE** and **BLACK** is **NEGATIVE**

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GROUND WATER SAMPLE FIELD INFORMATION FORM

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	**335 Bond Street**	**Well No:**	MW15	**Water Quality Device Model:**	**Horiba U52**	**Weather:**	70s °F, Clear		MW15_071818
Project Number:	**170362501**	**Well Depth:**	10.15	**Pine Number:**	**51666**	**Background PID (ppm):**	0.1	**Sample(s):**	
Site Location:	**Brooklyn, NY**	**Well Diameter:**	2-inch	**Pump Make and Model:**	**Peristaltic Pump**	**PID Beneath Inner Cap (ppm):**	9.3		
Sampling	**Kyle Twombly**	**Well Screen**	5.15	**Pine Number:**	**51859**	**Pump Intake Depth:**	9.00	**Sample Date:**	7/18/2018
Personnel:		**Interval:**	10.15	**Tubing Diameter:**	**HDPE 5/8"OD**	**Depth to Water Before Purge:**	5.76	**Sample Time:**	11:30

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
11:05	24.56	7.49	32	2.24	409.0	4.41	7.50		0.264	Poor recharge	**N/A**
11:10	23.51	7.47	42	2.20	424.00	4.40	7.51	0.0528	0.528	Poor recharge	**N/A**
11:15	23.52	7.40	41	2.21	426.00	4.45	7.52	0.053	0.793		**N**
11:20	23.49	7.39	36	2.19	415.00	4.50	7.60	0.0534	1.06		**Y**
11:25	23.50	7.41	38	2.18	421.00	4.49	7.57	0.052	1.32		**Y**
11:30	23.49	7.42	37	2.17	400.00	4.51	7.51	0.054	1.59		**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemans per centimeter
10. NTU = Nephelometric Turbidity Unit

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GROUND WATER SAMPLE FIELD INFORMATION FORM

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	335 Bond Street	Well No:	MW16	Water Quality Device Model:	Horiba U52	Weather:	70s °F, Clear	Sample(s):	MW16_071818
Project Number:	170362501	Well Depth:	9.89	Pine Number:	51666	Background PID (ppm):	0.1		
Site Location:	Brooklyn, NY	Well Diameter:	2-inch	Pump Make and Model:	Peristaltic Pump	PID Beneath Inner Cap (ppm):	18.8		
Sampling Personnel:	Kyle Twombly	Well Screen Interval:	4.89 – 9.89	Pine Number:	51859	Pump Intake Depth:	9.00	Sample Date:	7/18/2018
				Tubing Diameter:	HDPE 5/8"OD	Depth to Water Before Purge:	6.00	Sample Time:	10:30

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
10:00	24.08	9.30	126	1.72	800.0	5.92	9.01		0.264	Poor recharge	**N/A**
10:05	24.09	9.21	119	1.75	800.0	6.01	9.22	0.0528	0.528	Poor recharge	**N/A**
10:10	24.05	9.37	118	1.80	800.0	7.02	9.20	0.053	0.793	Poor recharge	**N**
10:15	24.00	9.36	118	1.72	800.0	5.92	9.21	0.0534	1.06	Poor recharge	**N**
10:20	23.99	9.35	127	1.74	800.0	5.90	9.36	0.052	1.32	Poor recharge	**N**
10:25	23.98	9.33	126	1.75	800.0	5.83	9.31	0.054	1.59	Turbidity 800+ NTU	**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemans per centimeter
10. NTU = Nephelometric Turbidity Unit

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GROUND WATER SAMPLE FIELD INFORMATION FORM

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	**335 Bond Street**	**Well No:**	MW17	**Water Quality Device Model:**	**Horiba U52**	**Weather:**	70s °F, Clear	**Sample(s):**	MW17_071818
Project Number:	**170362501**	**Well Depth:**	10.02	**Pine Number:**	**51666**	**Background PID (ppm):**	0.1		DUP01_071818
Site Location:	**Brooklyn, NY**	**Well Diameter:**	2-inch	**Pump Make and Model:**	**Peristaltic Pump**	**PID Beneath Inner Cap (ppm):**	4.1		
Sampling	**Kyle Twombly**	**Well Screen**	5.02	**Pine Number:**	**51859**	**Pump Intake Depth:**	8.50	**Sample Date:**	7/18/2018
Personnel:		**Interval:**	10.02	**Tubing Diameter:**	**HDPE 5/8"OD**	**Depth to Water Before Purge:**	6.67	**Sample Time:**	8:45

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
8:05	22.28	7.39	63	1.99	631.0	6.93	8.05		0.264		**N/A**
8:10	22.29	7.47	2	1.94	245.00	7.02	8.03	0.0528	0.528		**N/A**
8:15	22.25	7.51	-10	1.95	120.00	7.00	8.02	0.0264	0.66		**N**
8:20	22.23	7.52	-13	2.01	67.60	7.09	8.03	0.0266	0.793		**N**
8:25	22.20	7.50	-13	2.02	44.10	7.49	8.02	0.0262	0.924		**N**
8:30	22.22	7.50	-14	2.01	35.10	7.46	8.04	0.0272	1.06		**N**
8:35	22.20	7.47	-13	2.03	28.00	7.59	8.02	0.026	1.19		**N**
8:40	22.23	7.50	-13	2.01	29.10	7.58	8.04	0.026	1.32		**N**
8:45	22.28	7.53	-13	2.00	28.50	7.59	8.00	0.0264	1.452		**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemans per centimeter
10. NTU = Nephelometric Turbidity Unit

GROUND WATER SAMPLE FIELD INFORMATION FORM

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	**335 Bond Street**	**Well No:**	MW18	**Water Quality Device Model:**	**Horiba U52**	**Weather:**	70s °F, Clear	**Sample(s):**	MW17_071818
Project Number:	**170362501**	**Well Depth:**	9.79	**Pine Number:**	**51666**	**Background PID (ppm):**	0.1		
Site Location:	**Brooklyn, NY**	**Well Diameter:**	2-inch	**Pump Make and Model:**	**Peristaltic Pump**	**PID Beneath Inner Cap (ppm):**	0.0		
Sampling Personnel:	**Kyle Twombly**	**Well Screen Interval:**	4.79 – 9.79	**Pine Number:**	**51859**	**Pump Intake Depth:**	9.00	**Sample Date:**	7/18/2018
				Tubing Diameter:	**HDPE 5/8"OD**	**Depth to Water Before Purge:**	6.59	**Sample Time:**	13:05

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
12:35	22.40	7.70	63	1.15	275.0	1.71	8.01		0.528		**N/A**
12:40	22.06	7.81	28	1.11	262.00	3.66	8.04	0.053	0.793		**N/A**
12:45	21.80	7.80	-3	1.06	186.00	5.84	8.05	0.0534	1.06		**N**
12:50	21.75	7.80	-6	1.06	160.00	6.23	8.06	0.052	1.32		**N**
12:55	21.72	7.80	-7	1.07	161.00	5.85	8.03	0.054	1.59		**N**
13:00	21.73	7.85	-7	1.06	158.00	5.95	8.04	0.052	1.85		**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemans per centimeter
10. NTU = Nephelometric Turbidity Unit

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APPENDIX E

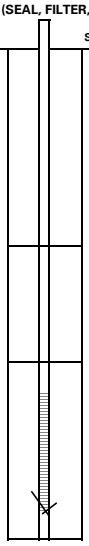
Soil Vapor Sampling Logs

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: IA01

PROJECT: 335 Bond Street	**PROJECT NO.:** 170362501
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** N/A
DRILLING FIRM OR LANGAN INSTALLER: N/A	**INSTALLATION DATE STARTED:** 3/11/2017 **DATE FINISHED:** 3/11/2017
INSTALLATION FOREMAN: N/A	**SAMPLE DATE STARTED:** 3/11/2017 **DATE FINISHED:** 3/11/2017
INSTALLATION EQUIPMENT: N/A	**TYPE OF SAMPLING DEVICE:** 6 L Summa Canister
INSPECTOR: N/A	**SAMPLER:** Kim Nagotko
POTENTIAL SAMPLE INTERFERENCES: None observed.	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** 25-33 F, Partly Cloudy, W 10mph winds, 49%H, 30.2 in
METHOD OF INSTALLATION AND PURGING: N/A	
TUBING TYPE/DIAMETER: N/A	**TYPE OF MATERIAL ABOVE SEAL:** N/A
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: N/A	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** N/A
BOREHOLE DIAMETER: N/A	**FILTER PACK MATERIAL (Sand or Glass Beads):** N/A

PURGE VOLUME (L):	N/A
PURGE FLOW RATE (ML/MIN):	N/A
PID AFTER PURGE (PPM):	N/A
HELIUM TEST IN BUCKET(%):	N/A
HELIUM TEST IN TUBE (PPM):	N/A
SAMPLE START DATE/TIME:	3/11/2017 7:40:00 AM
SAMPLE STOP DATE/TIME:	3/11/2017 3:40:00 PM
TOTAL SAMPLE TIME (MIN):	480
FLOW RATE (L/MIN):	0.01107
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	N/A
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	Y85
REGULATOR SERIAL NUMBER:	Y22
CAN START VACUUM PRESS. (" HG):	-34
CAN STOP VACUUM PRESS. (" HG):	-3.41

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	DEPTH (FEET FROM SURFACE)	NOTES
SURFACE / SURFACE  **Top of Seal** **Top of Pack**	N/A	

SAMPLE LOCATION SKETCH

NOTES

Placed on desk adjacent to SS01, about 4-feet above grade.

0740: Collect IA01_03117

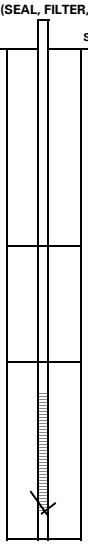
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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: IA02

PROJECT: 335 Bond Street	**PROJECT NO.:** 170362501
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** N/A
DRILLING FIRM OR LANGAN INSTALLER: N/A	**INSTALLATION DATE STARTED:** 3/11/2017 **DATE FINISHED:** 3/11/2017
INSTALLATION FOREMAN: N/A	**SAMPLE DATE STARTED:** 3/11/2017 **DATE FINISHED:** 3/11/2017
INSTALLATION EQUIPMENT: N/A	**TYPE OF SAMPLING DEVICE:** 6 L Summa Canister
INSPECTOR: N/A	**SAMPLER:** Kim Nagotko
POTENTIAL SAMPLE INTERFERENCES: None observed.	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** 25-33 F, Partly Cloudy, W 10mph winds, 49%H, 30.2 in
METHOD OF INSTALLATION AND PURGING: N/A	
TUBING TYPE/DIAMETER: N/A	**TYPE OF MATERIAL ABOVE SEAL:** N/A
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: N/A	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** N/A
BOREHOLE DIAMETER: N/A	**FILTER PACK MATERIAL (Sand or Glass Beads):** N/A

PURGE VOLUME (L):	N/A
PURGE FLOW RATE (ML/MIN):	N/A
PID AFTER PURGE (PPM):	N/A
HELIUM TEST IN BUCKET(%):	N/A
HELIUM TEST IN TUBE (PPM):	N/A
SAMPLE START DATE/TIME:	3/11/2017 7:45:00 AM
SAMPLE STOP DATE/TIME:	3/11/2017 3:45:00 PM
TOTAL SAMPLE TIME (MIN):	480
FLOW RATE (L/MIN):	0.01045
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	N/A
SAMPLE MOISTURE CONTENT:	N/A
CAN SERIAL NUMBER:	Y85
REGULATOR SERIAL NUMBER:	Y22
CAN START VACUUM PRESS. (" HG):	-34
CAN STOP VACUUM PRESS. (" HG):	-3.41

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	DEPTH (FEET FROM SURFACE)	NOTES
 **Top of Seal** **Top of Pack**	N/A	

SAMPLE LOCATION SKETCH

NOTES

Placed on chair adjacent to SS02, about 3-feet above grade.

0745: Collect IA02_03117

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SS01

PROJECT: 335 Bond Street	**PROJECT NO.:** 170362501
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** N/A
DRILLING FIRM OR LANGAN INSTALLER: AARCO	**INSTALLATION DATE STARTED:** 3/11/2017 **DATE FINISHED:** 3/11/2017
INSTALLATION FOREMAN: Daybi Pachero	**SAMPLE DATE STARTED:** 3/11/2017 **DATE FINISHED:** 3/11/2017
INSTALLATION EQUIPMENT: Hand Drill	**TYPE OF SAMPLING DEVICE:** 6 L Summa Canister
INSPECTOR: Kim Nagotko	**SAMPLER:** Kim Nagotko
POTENTIAL SAMPLE INTERFERENCES: None observed.	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** 25-33 F, Partly Cloudy, W 10mph winds, 49%H, 30.2 in

METHOD OF INSTALLATION AND PURGING:

AARCO used a hand drill through the ~3-inch thick concrete slab. Sub-slab vapor point was set ~6-inches below the slab. Clean #2 sand as placed around the implant, and then sealed to grade using hydrate bentonite. Three well volumes were purged prior to sampling and helium testing. Implant and tubing were removed after sampling and the hole was sealed with cement.

TUBING TYPE/DIAMETER: Teflon tubing	**TYPE OF MATERIAL ABOVE SEAL:** Hydrated Bentonite
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: Stainless steel 6-inch long screen implant	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Hydrated Bentonite
BOREHOLE DIAMETER: 1-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** #2 Sand

PURGE VOLUME (L):	1000	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0.1 ppm	
HELIUM TEST IN BUCKET(%):	32.3%	35.8%
HELIUM TEST IN TUBE (PPM):	0.0 ppm	0.0 ppm
SAMPLE START DATE/TIME:	3/11/2017	8:30:00 AM
SAMPLE STOP DATE/TIME:	3/11/2017	10:30:00 AM
TOTAL SAMPLE TIME (MIN):	120	
FLOW RATE (L/MIN):	0.0429	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0.1 ppm	
SAMPLE MOISTURE CONTENT:	N/A	
CAN SERIAL NUMBER:	23198	
REGULATOR SERIAL NUMBER:	7268	
CAN START VACUUM PRESS. (" HG):	-28.76	
CAN STOP VACUUM PRESS. (" HG):	-3.70	

SAMPLE LOCATION SKETCH

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	DEPTH (FEET FROM SURFACE)	NOTES
SURFACE / SURFACE		
Top of Seal	0	
Top of Pack	0.3	

NOTES

AARCO drilled through concrete slab (about 3-inches thick) and installed point about 6-inches below slab.

0830: Collect SS01_031117

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SS02

PROJECT: 335 Bond Street	**PROJECT NO.:** 170362501
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** N/A
DRILLING FIRM OR LANGAN INSTALLER: AARCO	**INSTALLATION DATE STARTED:** 3/11/2017 **DATE FINISHED:** 3/11/2017
INSTALLATION FOREMAN: Daybi Pachero	**SAMPLE DATE STARTED:** 3/11/2017 **DATE FINISHED:** 3/11/2017
INSTALLATION EQUIPMENT: Hand Drill	**TYPE OF SAMPLING DEVICE:** 6 L Summa Canister
INSPECTOR: Kim Nagotko	**SAMPLER:** Kim Nagotko
POTENTIAL SAMPLE INTERFERENCES: None observed.	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** 25-33 F, Partly Cloudy, W 10mph winds, 49%H, 30.2 in

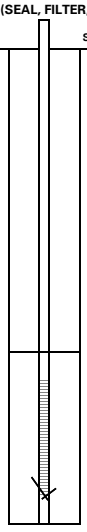
METHOD OF INSTALLATION AND PURGING:

AARCO used a hand drill through the ~3-inch thick concrete slab. Sub-slab vapor point was set ~6-inches below the slab. Clean #2 sand as placed around the implant, and then sealed to grade using hydrate bentonite. Three well volumes were purged prior to sampling and helium testing. Implant and tubing were removed after sampling and the hole was sealed with cement.

TUBING TYPE/DIAMETER: Teflon tubing	**TYPE OF MATERIAL ABOVE SEAL:** Hydrated Bentonite
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: Stainless steel 6-inch long screen implant	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Hydrated Bentonite
BOREHOLE DIAMETER: 1-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** #2 Sand

PURGE VOLUME (L):	1000	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0.4 ppm	
HELIUM TEST IN BUCKET(%):	36.0%	41.2%
HELIUM TEST IN TUBE (PPM):	0.0 ppm	0.0 ppm
SAMPLE START DATE/TIME:	3/11/2017	8:40:00 AM
SAMPLE STOP DATE/TIME:	3/11/2017	10:40:00 AM
TOTAL SAMPLE TIME (MIN):	120	
FLOW RATE (L/MIN):	0.04527	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0.2 ppm	
SAMPLE MOISTURE CONTENT:	N/A	
CAN SERIAL NUMBER:	17346	
REGULATOR SERIAL NUMBER:	3542	
CAN START VACUUM PRESS. (" HG):	-29.58	
CAN STOP VACUUM PRESS. (" HG):	-4.39	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	DEPTH (FEET FROM SURFACE)	NOTES
SURFACE / SURFACE		
Top of Seal	0	
Top of Pack	0.3	



SAMPLE LOCATION SKETCH

NOTES

AARCO drilled through concrete slab (about 3-inches thick) and installed point about 6-inches below slab.
0840: Collect SS02_031117
Collect SVDUP01_031117 from same location.

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SVDUP01

PROJECT: 335 Bond Street	**PROJECT NO.:** 170362501
LOCATION: Brooklyn, New York	**SURFACE ELEVATION AND DATUM:** N/A
DRILLING FIRM OR LANGAN INSTALLER: AARCO	**INSTALLATION DATE STARTED:** 3/11/2017 **DATE FINISHED:** 3/11/2017
INSTALLATION FOREMAN: Daybi Pachero	**SAMPLE DATE STARTED:** 3/11/2017 **DATE FINISHED:** 3/11/2017
INSTALLATION EQUIPMENT: Hand Drill	**TYPE OF SAMPLING DEVICE:** 6 L Summa Canister
INSPECTOR: Kim Nagotko	**SAMPLER:** Kim Nagotko
POTENTIAL SAMPLE INTERFERENCES: None observed.	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** 25-33 F, Partly Cloudy, W 10mph winds, 49%H, 30.2 in

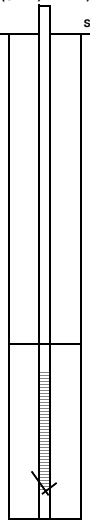
METHOD OF INSTALLATION AND PURGING:

AARCO used a hand drill through the ~3-inch thick concrete slab. Sub-slab vapor point was set ~6-inches below the slab. Clean #2 sand as placed around the implant, and then sealed to grade using hydrate bentonite. Three well volumes were purged prior to sampling and helium testing. Implant and tubing were removed after sampling and the hole was sealed with cement.

TUBING TYPE/DIAMETER: Teflon tubing	**TYPE OF MATERIAL ABOVE SEAL:** Hydrated Bentonite
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: Stainless steel 6-inch long screen implant	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Hydrated Bentonite
BOREHOLE DIAMETER: 1-inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** #2 Sand

PURGE VOLUME (L):	1000	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0.4 ppm	
HELIUM TEST IN BUCKET(%):	36.0%	41.2%
HELIUM TEST IN TUBE (PPM):	0.0 ppm	0.0 ppm
SAMPLE START DATE/TIME:	3/11/2017	8:40:00 AM
SAMPLE STOP DATE/TIME:	3/11/2017	10:40:00 AM
TOTAL SAMPLE TIME (MIN):	120	
FLOW RATE (L/MIN):	0.0435	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0.2 ppm	
SAMPLE MOISTURE CONTENT:	N/A	
CAN SERIAL NUMBER:	23201	
REGULATOR SERIAL NUMBER:	7416	
CAN START VACUUM PRESS. (" HG):	-28.52	
CAN STOP VACUUM PRESS. (" HG):	-6.97	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	DEPTH (FEET FROM SURFACE)	NOTES
SURFACE / SURFACE		
Top of Seal	0	
Top of Pack	0.3	



SAMPLE LOCATION SKETCH

NOTES

AARCO drilled through concrete slab (about 3-inches thick) and installed point about 6-inches below slab.
0840: Collect SS02_031117
Collect SVDUP01_031117 from same location.

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AIR SAMPLING LOG SHEET

Sample Number: OS-AA01

PROJECT: 335 Bond Street	**PROJECT NO.: 170362501**	
LOCATION: 333 Bond Street sidewalk, Brooklyn, NY	**SURFACE ELEVATION AND DATUM (NAV88):**	
SAMPLER: Tom Herold	**SAMPLE DATE STARTED:** 9/23/2022	**DATE FINISHED:** 9/23/2022
INSPECTOR: Tom Herold	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
POTENTIAL SAMPLE INTERFERENCES:	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**	
	Temp:	55
	Wind:	10
	Precipitation:	none
	Pressure:	29.94

METHOD OF INSTALLATION AND SAMPLING:

SAMPLE DETAILS	
HEIGHT ABOVE GROUND (FT):	3.0
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	10:03
SAMPLE STOP TIME:	12:03
TOTAL SAMPLE TIME (MIN):	120
REGULATOR FLOW RATE (L/MIN):	
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	0.0
SAMPLE MOISTURE CONTENT:	
CAN SERIAL NUMBER:	10091
REGULATOR SERIAL NUMBER:	7085
CAN START VACUUM PRESS. (" HG):	-30
CAN STOP VACUUM PRESS. (" HG):	-8

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: OS-SV01

PROJECT: 335 Bond Street	**PROJECT NO.: 170362501**	
LOCATION: 333 Bond Street Sidewalk, Brooklyn, NY	**SURFACE ELEVATION AND DATUM (NAV88):** N/A	
DRILLING FIRM OR LANGAN INSTALLER: AARCO	**INSTALLATION DATE STARTED:** 9/23/2022	**DATE FINISHED:** 9/23/2022
INSTALLATION FOREMAN: Jose Galarza	**SAMPLE DATE STARTED:** 9/23/2022	**DATE FINISHED:** 9/23/2022
INSTALLATION EQUIPMENT: Jackhammer with Macrocore Attachment	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Tom Herold	**SAMPLER:** Tom Herold	
POTENTIAL SAMPLE INTERFERENCES: None observed	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 55 Wind: 10 NW Precipitation: none Pressure: 29.94	

AARCO used a hand drill through the 6-inch concrete sidewalk and used a hand auguer to reach a depth of about 4 feet below grade surface. Polyethylene tubing was installed and clean #2 sand was placed around the implant. The top was sealed with hydrated bentonite. The tubing was removed after sampling and the hole was sealed with cement.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** none
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Polyethylene Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2 inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	0.02	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0.3	
HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET(%):	27.5%	25.6%
HELIUM TEST IN TUBE (PPM):	0.0	0.0
SAMPLE START TIME:	10:01	
SAMPLE STOP TIME:	12:01	
TOTAL SAMPLE TIME (MIN):	120	
REGULATOR FLOW RATE (L/MIN):		
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0.1	
SAMPLE MOISTURE CONTENT:		
CAN SERIAL NUMBER:	37009	
REGULATOR SERIAL NUMBER:	6872	
CAN START VACUUM PRESS. (" HG):	-30	
CAN STOP VACUUM PRESS. (" HG):	-8.00	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	0.00	
Top of Pack	0.50	
Probe Depth	4.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: OS-SV02

PROJECT: 335 Bond Street	**PROJECT NO.: 170362501**	
LOCATION: 333 Bond Street sidewalk, Brooklyn, NY	**SURFACE ELEVATION AND DATUM (NAV88):** N/A	
DRILLING FIRM OR LANGAN INSTALLER: AARCO	**INSTALLATION DATE STARTED:** 9/23/2022	**DATE FINISHED:** 9/23/2022
INSTALLATION FOREMAN: Jose	**SAMPLE DATE STARTED:** 9/23/2022	**DATE FINISHED:** 9/23/2022
INSTALLATION EQUIPMENT: Jackhammer with Macrocore Attachment	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Tom Herold	**SAMPLER:** Tom Herold	
POTENTIAL SAMPLE INTERFERENCES: None observed	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 55 Wind: 10 Precipitation: none Pressure: 29.94	

AARCO used a hand drill through the 6-inch concrete sidewalk and used a hand auguer to reach a depth of about 4 feet below grade surface. Polyethylene tubing was installed and clean #2 sand was placed around the implant. The top was sealed with hydrated bentonite. The tubing was removed after sampling and the hole was sealed with cement.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** none
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Polyethylene Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2 inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	0.02	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0.6	
HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET(%):	25.3%	24.2%
HELIUM TEST IN TUBE (PPM):	0.0	
SAMPLE START TIME:	10:02	
SAMPLE STOP TIME:	12:02	
TOTAL SAMPLE TIME (MIN):	120	
REGULATOR FLOW RATE (L/MIN):		
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0.1	
SAMPLE MOISTURE CONTENT:		
CAN SERIAL NUMBER:	34500	
REGULATOR SERIAL NUMBER:	6861	
CAN START VACUUM PRESS. (" HG):	-30	
CAN STOP VACUUM PRESS. (" HG):	-6.00	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	0.00	
Top of Pack	0.50	
Probe Depth	4.00	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

APPENDIX F

NYSDOH Indoor Air Survey

OSR – 3

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Kim Nagotko Date/Time Prepared 3/11/17 0715

Preparer's Affiliation Langan Phone No. 201-819-3459

Purpose of Investigation Remedial Investigation Air Sampling

1. OCCUPANT:

Interviewed: Y / (N)

Last Name: N/A First Name: N/A

Address: N/A

County: N/A

Home Phone: N/A Office Phone: N/A

Number of Occupants/persons at this location N/A Age of Occupants N/A

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response) (N/A)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? N/A

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? N/A

Other characteristics:

Number of floors 1 Building age_____

Is the building insulated? (Y) / N How air tight? (Tight) / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

N/A

Airflow near source

N/A

Outdoor air infiltration

N/A

Infiltration into air ducts

N/A

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other NOT a full basement
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	(sealed)	sealed with _____	
f. Foundation walls:	(poured)	block	stone	other _____
g. Foundation walls:	unsealed	(sealed)	sealed with _____	
h. The basement is:	wet	(damp)	dry	moldy
i. The basement is:	finished	(unfinished)	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

_____

_____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

(Natural Gas)	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	(Central Air)	Window units	Open Windows	None

Are there air distribution ducts present? (Y) / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom (Almost Never)

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	Not in use
1st Floor	Daily office work space
2nd Floor	
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y) / N

b. Does the garage have a separate heating unit? (Y) / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) (Y) / N / NA
Please specify CARS

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where?_____

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type?_____

g. Is there smoking in the building? Y / (N) How frequently?_____

h. Have cleaning products been used recently? (Y) / N When & Type? 3/9/17, See Back

i. Have cosmetic products been used recently? Y / (N) When & Type?_____

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / (N) If yes, where vented? _____

n. Is there a bathroom exhaust fan? Y / (N) If yes, where vented? _____

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? (Y) / N When & Type? _____

Are there odors in the building? Y (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? (Y) / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y (N)

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
No
Unknown

Is there a radon mitigation system for the building/structure? Y / (N) Date of Installation: _____
Is the system active or passive? Active/Passive (N/A)

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency) (N/A)

a. Provide reasons why relocation is recommended: N/A

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N (N/A)

d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

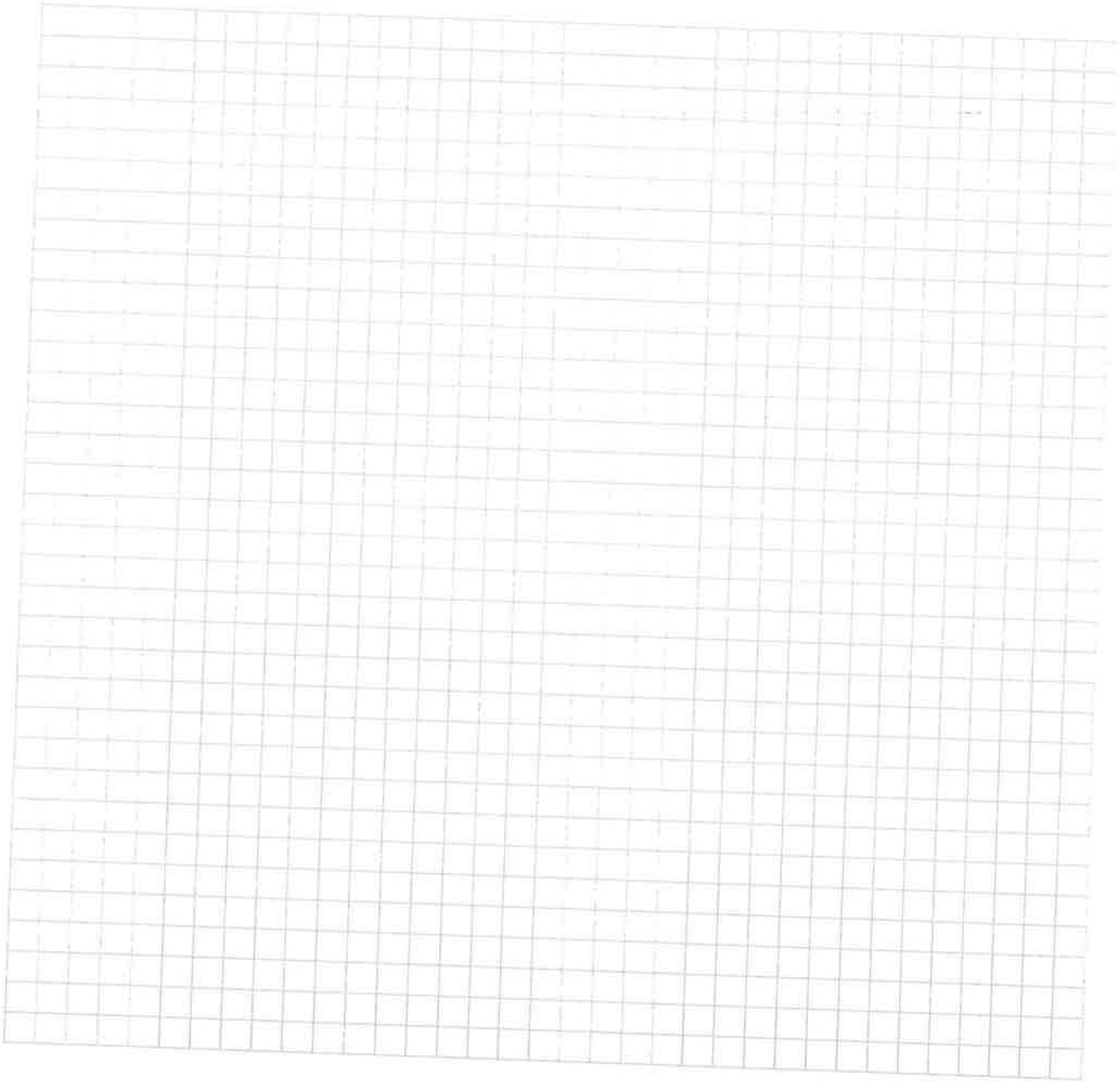
NO BASE.

First Floor:

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MiniRAE 3000 - PID

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Janitor's closet	Pledge (2)	9.7 oz	U	See photos	0.0 ppm	Y
	Scrubbing Bubbles	25 oz	U			
	Fantastic (4)	1 qt	U			
	Clean Shower (2)	1 qt	U			
	Brillo	-	U			
	Mold Control	1 qt	U			
	Ajax (3)	21oz	U			
	Cascade (2)	75oz	U			
	Windex (3)	1 gall	U			
	409	1 gall	U			
	Glance NA	1.4L	U			
	Pine-Sol	1.12gal	UO			
	Hot Shot	1 qt	U			
	Easy-off	24oz	U			

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

APPENDIX G

Data Usability Summary Report

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

2700 Kelly Road, Suite 200 Warrington, PA 18976 T: 215.491.6500 F: 215.491.6501
Mailing Address: P.O. Box 1569 Doylestown, PA 18901

To: Kimberly Del Col, Senior Staff Engineer

From: Kevin Nelson, Staff Chemist

Date: April 13, 2017

Re: Data Usability Summary Report
For 335 Bond Street
Brooklyn, New York
Soil Samples Collected March 2017
Langan Project No.: 170362501

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of seventeen soil samples collected on March 11 & 12, 2017 by Langan Engineering and Environmental Services (Langan) at 335 Bond Street located in Brooklyn, New York (the Site). The samples were analyzed by York Analytical Laboratories (NYSDOH ELAP registration # 10854) for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), Metals, Mercury (Mercury) and general chemistry parameters by the following analytical methods:

- VOCs by USEPA SW-846 Method 8260C
- SVOCs by USEPA SW-846 Method 8270D
- Organochlorine Pesticides by USEPA SW-846 Method 8151B
- PCBs by USEPA SW-846 Method 8082A
- Metals by USEPA SW-846 Method 6010C
- Mercury by USEPA SW-846 Method 7473
- Total Solids by Standard Method 2540G
- Hexavalent Chromium by USEPA SW-846 Method 7196A
- Trivalent Chromium by Calculation
- Total Cyanide by USEPA SW-846 Method 9014/9010C

Table 1, below, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

TABLE 1: SAMPLE SUMMARY

SDG	*Lab Sample ID*	*Client Sample ID*	*Sample Date*	*Analytical Parameters*
17C0482	17C0482-01	SB06_7.5-8	3/11/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem
17C0482	17C0482-02	SB06_8-9	3/11/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem
17C0482	17C0482-03	SB12_0-1	3/11/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem
17C0482	17C0482-04	SB12_4.5-5	3/11/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem
17C0482	17C0482-05	SB14_0.5-1.5	3/11/17	VOCs
17C0482	17C0482-06	SB14_5-6	3/11/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem
17C0482	17C0482-07	SB08_0-1	3/12/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem
17C0482	17C0482-08	SB08_5-6	3/12/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem
17C0482	17C0482-09	SB07_0-1	3/12/17	VOCs
17C0482	17C0482-10	SB07_5-6	3/12/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem
17C0482	17C0482-11	SB09_0-1	3/12/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem
17C0482	17C0482-12	SB09_7.5-8	3/12/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem
17C0482	17C0482-13	SB10_0-1	3/12/17	VOCs
17C0482	17C0482-14	SB10_5-6	3/12/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem
17C0482	17C0482-15	SB11_0-1	3/12/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem

SDG	*Lab Sample ID*	*Client Sample ID*	*Sample Date*	*Analytical Parameters*
17C0482	17C0482-16	SB11_4-5	3/12/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem
17C0482	17C0482-17	SBDUP01_031217	3/12/17	VOCs, SVOCs, Pesticides, PCBs, Metals, Mercury, Gen Chem

VALIDATION OVERVIEW

This data validation was performed in accordance with the following region two guidance documents:

- ICP-AES Data Validation, SOP No. HW-3a, Revision 1, September 2016
- Mercury and Cyanide Data Validation, SOP No. HW-3c, Revision 1, September 2016
- Low/Medium Volatile Data Validation, SOP No. HW-33A, Revision 1, September 2016
- Semivolatile Data Validation, SOP No. HW-35A, Revision 1, September 2016
- Pesticide Data Validation, SOP No. HW-36A, Revision 1, October 2016
- PCB Aroclor Data Validation, SOP No. HW-37A, Revision 0, June 2015

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum include holding times, instrument tuning, instrument calibration, laboratory blanks, laboratory control samples, laboratory duplicates, field duplicates, system monitoring compounds, serial dilutions, dual column precision, internal standard area counts, target compound identification and quantification, chromatograms and overall system performance.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

R – The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are not sufficiently valid and technically supportable to be used for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified.

TABLE 2: VALIDATOR-APPLIED QUALIFICATION

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
SB06_7.5-8	SW8260B	1,4-Dioxane (P-Dioxane)	123-91-1	UJ
SB06_7.5-8	SW8260B	Cis-1,2-Dichloroethylene	156-59-2	UJ
SB06_7.5-8	SW8270C	Benzaldehyde	100-52-7	UJ
SB06_7.5-8	SW8270C	Phenol	108-95-2	UJ
SB06_7.5-8	SW8270C	Bis(2-Chloroethoxy) Methane	111-91-1	UJ
SB06_7.5-8	SW8270C	Hexachlorobenzene	118-74-1	UJ
SB06_7.5-8	SW8270C	N-Nitrosodi-N-Propylamine	621-64-7	UJ
SB06_7.5-8	SW8270C	Aniline	62-53-3	UJ
SB06_7.5-8	SW8270C	Carbazole	86-74-8	J
SB06_7.5-8	SW8270C	2-Methylphenol (O-Cresol)	95-48-7	UJ

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
SB06_7.5-8	SW8270C	Acetophenone	98-86-2	UJ
SB06_8-9	SW8260B	1,3-Dichlorobenzene	541-73-1	U
SB06_8-9	SW8260B	Bromoform	75-25-2	UJ
SB06_8-9	SW8260B	Tert-Butyl Alcohol	75-65-0	UJ
SB06_8-9	SW8270C	Benzaldehyde	100-52-7	UJ
SB06_8-9	SW8270C	Phenol	108-95-2	UJ
SB06_8-9	SW8270C	Bis(2-Chloroethoxy) Methane	111-91-1	UJ
SB06_8-9	SW8270C	Hexachlorobenzene	118-74-1	UJ
SB06_8-9	SW8270C	1,3-Dichlorobenzene	541-73-1	UJ
SB06_8-9	SW8270C	N-Nitrosodi-N-Propylamine	621-64-7	UJ
SB06_8-9	SW8270C	Aniline	62-53-3	UJ
SB06_8-9	SW8270C	2-Methylphenol (O-Cresol)	95-48-7	UJ
SB06_8-9	SW8270C	Acetophenone	98-86-2	UJ
SB07_0-1	SW8270C	Benzaldehyde	100-52-7	UJ
SB07_0-1	SW8270C	Phenol	108-95-2	UJ
SB07_0-1	SW8270C	Bis(2-Chloroethoxy) Methane	111-91-1	UJ
SB07_0-1	SW8270C	Hexachlorobenzene	118-74-1	UJ
SB07_0-1	SW8270C	N-Nitrosodi-N-Propylamine	621-64-7	UJ
SB07_0-1	SW8270C	Aniline	62-53-3	UJ

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
SB07_0-1	SW8270C	2-Methylphenol (O-Cresol)	95-48-7	UJ
SB07_0-1	SW8270C	Acetophenone	98-86-2	UJ
SB07_5-6	SW8270C	4-Chloroaniline	106-47-8	UJ
SB07_5-6	SW8270C	Indeno(1,2,3-C,D)Pyrene	193-39-5	J
SB07_5-6	SW8270C	2,4-Dinitrophenol	51-28-5	UJ
SB07_5-6	SW8270C	4,6-Dinitro-2-Methylphenol	534-52-1	UJ
SB07_5-6	SW8270C	Dibenz(A,H)Anthracene	53-70-3	JD
SB07_5-6	SW8270C	Aniline	62-53-3	UJ
SB07_5-6	SW8270C	N-Nitrosodimethylamine	62-75-9	UJ
SB07_5-6	SW8270C	Benzoic Acid	65-85-0	UJ
SB07_5-6	SW8270C	Hexachlorocyclopentadiene	77-47-4	UJ
SB07_5-6	SW8270C	Benzyl Butyl Phthalate	85-68-7	J
SB07_5-6	SW8270C	Carbazole	86-74-8	J
SB07_5-6	SW8270C	Benzidine	92-87-5	UJ
SB08_0-1	SW8270C	Benzaldehyde	100-52-7	UJ
SB08_0-1	SW8270C	Phenol	108-95-2	UJ
SB08_0-1	SW8270C	Bis(2-Chloroethoxy) Methane	111-91-1	UJ
SB08_0-1	SW8270C	Hexachlorobenzene	118-74-1	UJ
SB08_0-1	SW8270C	N-Nitrosodi-N-Propylamine	621-64-7	UJ

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
SB08_0-1	SW8270C	Aniline	62-53-3	UJ
SB08_0-1	SW8270C	2-Methylphenol (O-Cresol)	95-48-7	UJ
SB08_0-1	SW8270C	Acetophenone	98-86-2	UJ
SB08_5-6	SW8270C	Benzaldehyde	100-52-7	UJ
SB08_5-6	SW8270C	Phenol	108-95-2	UJ
SB08_5-6	SW8270C	Bis(2-Chloroethoxy) Methane	111-91-1	UJ
SB08_5-6	SW8270C	Hexachlorobenzene	118-74-1	UJ
SB08_5-6	SW8270C	N-Nitrosodi-N-Propylamine	621-64-7	UJ
SB08_5-6	SW8270C	Aniline	62-53-3	UJ
SB08_5-6	SW8270C	2-Methylphenol (O-Cresol)	95-48-7	UJ
SB08_5-6	SW8270C	Acetophenone	98-86-2	UJ
SB09_0-1	SW8270C	Benzaldehyde	100-52-7	UJ
SB09_0-1	SW8270C	Phenol	108-95-2	UJ
SB09_0-1	SW8270C	Bis(2-Chloroethoxy) Methane	111-91-1	UJ
SB09_0-1	SW8270C	Hexachlorobenzene	118-74-1	UJ
SB09_0-1	SW8270C	N-Nitrosodi-N-Propylamine	621-64-7	UJ
SB09_0-1	SW8270C	Aniline	62-53-3	UJ
SB09_0-1	SW8270C	2-Methylphenol (O-Cresol)	95-48-7	UJ
SB09_0-1	SW8270C	Acetophenone	98-86-2	UJ

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
SB09_7.5-8	SW8270C	4-Chloroaniline	106-47-8	UJ
SB09_7.5-8	SW8270C	Indeno(1,2,3-C,D)Pyrene	193-39-5	J
SB09_7.5-8	SW8270C	2,4-Dinitrophenol	51-28-5	UJ
SB09_7.5-8	SW8270C	4,6-Dinitro-2-Methylphenol	534-52-1	UJ
SB09_7.5-8	SW8270C	Dibenz(A,H)Anthracene	53-70-3	J
SB09_7.5-8	SW8270C	Aniline	62-53-3	UJ
SB09_7.5-8	SW8270C	N-Nitrosodimethylamine	62-75-9	UJ
SB09_7.5-8	SW8270C	Benzoic Acid	65-85-0	UJ
SB09_7.5-8	SW8270C	Hexachlorocyclopentadiene	77-47-4	UJ
SB09_7.5-8	SW8270C	Benzyl Butyl Phthalate	85-68-7	J
SB09_7.5-8	SW8270C	Carbazole	86-74-8	J
SB09_7.5-8	SW8270C	Benzidine	92-87-5	UJ
SB10_0-1	SW8270C	Benzaldehyde	100-52-7	UJ
SB10_0-1	SW8270C	Phenol	108-95-2	UJ
SB10_0-1	SW8270C	Bis(2-Chloroethoxy) Methane	111-91-1	UJ
SB10_0-1	SW8270C	Hexachlorobenzene	118-74-1	UJ
SB10_0-1	SW8270C	N-Nitrosodi-N-Propylamine	621-64-7	UJ
SB10_0-1	SW8270C	Aniline	62-53-3	UJ

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
SB10_0-1	SW8270C	2-Methylphenol (O-Cresol)	95-48-7	UJ
SB10_0-1	SW8270C	Acetophenone	98-86-2	UJ
SB10_5-6	SW8270C	Benzaldehyde	100-52-7	UJ
SB10_5-6	SW8270C	Phenol	108-95-2	UJ
SB10_5-6	SW8270C	Bis(2-Chloroethoxy) Methane	111-91-1	UJ
SB10_5-6	SW8270C	Hexachlorobenzene	118-74-1	UJ
SB10_5-6	SW8270C	N-Nitrosodi-N-Propylamine	621-64-7	UJ
SB10_5-6	SW8270C	Aniline	62-53-3	UJ
SB10_5-6	SW8270C	2-Methylphenol (O-Cresol)	95-48-7	UJ
SB10_5-6	SW8270C	Acetophenone	98-86-2	UJ
SB11_0-1	SW8270C	Benzaldehyde	100-52-7	UJ
SB11_0-1	SW8270C	Phenol	108-95-2	UJ
SB11_0-1	SW8270C	Bis(2-Chloroethoxy) Methane	111-91-1	UJ
SB11_0-1	SW8270C	Hexachlorobenzene	118-74-1	UJ
SB11_0-1	SW8270C	N-Nitrosodi-N-Propylamine	621-64-7	UJ
SB11_0-1	SW8270C	Aniline	62-53-3	UJ
SB11_0-1	SW8270C	2-Methylphenol (O-Cresol)	95-48-7	UJ
SB11_0-1	SW8270C	Acetophenone	98-86-2	UJ

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
SB11_4-5	SW8082A	PCB-1260 (Aroclor 1260)	11096-82-5	UJ
SB11_4-5	SW8082A	PCB-1254 (Aroclor 1254)	11097-69-1	UJ
SB11_4-5	SW8082A	PCB-1221 (Aroclor 1221)	11104-28-2	UJ
SB11_4-5	SW8082A	PCB-1232 (Aroclor 1232)	11141-16-5	UJ
SB11_4-5	SW8082A	PCB-1248 (Aroclor 1248)	12672-29-6	UJ
SB11_4-5	SW8082A	PCB-1016 (Aroclor 1016)	12674-11-2	UJ
SB11_4-5	SW8082A	Polychlorinated Biphenyl (PCBs)	1336-36-3	UJ
SB11_4-5	SW8082A	PCB-1242 (Aroclor 1242)	53469-21-9	UJ
SB11_4-5	SW8270C	Benzaldehyde	100-52-7	UJ
SB11_4-5	SW8270C	4-Chloroaniline	106-47-8	UJ
SB11_4-5	SW8270C	Phenol	108-95-2	UJ
SB11_4-5	SW8270C	Bis(2-Chloroethoxy) Methane	111-91-1	UJ
SB11_4-5	SW8270C	Indeno(1,2,3-C,D)Pyrene	193-39-5	J
SB11_4-5	SW8270C	2,4-Dinitrophenol	51-28-5	UJ
SB11_4-5	SW8270C	4,6-Dinitro-2-Methylphenol	534-52-1	UJ
SB11_4-5	SW8270C	Dibenz(A,H)Anthracene	53-70-3	J
SB11_4-5	SW8270C	N-Nitrosodi-N-Propylamine	621-64-7	UJ

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
SB11_4-5	SW8270C	Aniline	62-53-3	UJ
SB11_4-5	SW8270C	N-Nitrosodimethylamine	62-75-9	UJ
SB11_4-5	SW8270C	Benzoic Acid	65-85-0	UJ
SB11_4-5	SW8270C	Hexachlorocyclopentadiene	77-47-4	UJ
SB11_4-5	SW8270C	Benzyl Butyl Phthalate	85-68-7	UJ
SB11_4-5	SW8270C	Carbazole	86-74-8	J
SB11_4-5	SW8270C	Benzidine	92-87-5	UJ
SB11_4-5	SW8270C	2-Methylphenol (O-Cresol)	95-48-7	UJ
SB12_0-1	SW8260B	1,3-Dichlorobenzene	541-73-1	U
SB12_0-1	SW8260B	Bromoform	75-25-2	UJ
SB12_0-1	SW8260B	Tert-Butyl Alcohol	75-65-0	UJ
SB12_0-1	SW8270C	4-Chloroaniline	106-47-8	UJ
SB12_0-1	SW8270C	Indeno(1,2,3-C,D)Pyrene	193-39-5	J
SB12_0-1	SW8270C	2,4-Dinitrophenol	51-28-5	UJ
SB12_0-1	SW8270C	4,6-Dinitro-2-Methylphenol	534-52-1	UJ
SB12_0-1	SW8270C	Dibenz(A,H)Anthracene	53-70-3	J
SB12_0-1	SW8270C	1,3-Dichlorobenzene	541-73-1	UJ
SB12_0-1	SW8270C	Aniline	62-53-3	UJ

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
SB12_0-1	SW8270C	N-Nitrosodimethylamine	62-75-9	UJ
SB12_0-1	SW8270C	Benzoic Acid	65-85-0	UJ
SB12_0-1	SW8270C	Hexachlorocyclopentadiene	77-47-4	UJ
SB12_0-1	SW8270C	Benzyl Butyl Phthalate	85-68-7	UJ
SB12_0-1	SW8270C	Carbazole	86-74-8	J
SB12_0-1	SW8270C	Benzidine	92-87-5	UJ
SB12_4.5-5	SW8270C	Benzaldehyde	100-52-7	UJ
SB12_4.5-5	SW8270C	Phenol	108-95-2	UJ
SB12_4.5-5	SW8270C	Bis(2-Chloroethoxy) Methane	111-91-1	UJ
SB12_4.5-5	SW8270C	Hexachlorobenzene	118-74-1	UJ
SB12_4.5-5	SW8270C	N-Nitrosodi-N-Propylamine	621-64-7	UJ
SB12_4.5-5	SW8270C	Aniline	62-53-3	UJ
SB12_4.5-5	SW8270C	2-Methylphenol (O-Cresol)	95-48-7	UJ
SB12_4.5-5	SW8270C	Acetophenone	98-86-2	UJ
SB14_0.5-1.5	SW8270C	Benzaldehyde	100-52-7	UJ
SB14_0.5-1.5	SW8270C	Phenol	108-95-2	UJ
SB14_0.5-1.5	SW8270C	Bis(2-Chloroethoxy) Methane	111-91-1	UJ
SB14_0.5-1.5	SW8270C	Hexachlorobenzene	118-74-1	UJ
SB14_0.5-1.5	SW8270C	N-Nitrosodi-N-Propylamine	621-64-7	UJ

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
SB14_0.5-1.5	SW8270C	Aniline	62-53-3	UJ
SB14_0.5-1.5	SW8270C	2-Methylphenol (O-Cresol)	95-48-7	UJ
SB14_0.5-1.5	SW8270C	Acetophenone	98-86-2	UJ
SB14_5-6	SW8270C	2,4-Dinitrophenol	51-28-5	UJ
SB14_5-6	SW8270C	4,6-Dinitro-2-Methylphenol	534-52-1	UJ
SB14_5-6	SW8270C	Carbazole	86-74-8	J
SBDUP01_031217	SW8081B	4-Nitroaniline	100-01-6	UJ
SBDUP01_031217	SW8081B	Heptachlor Epoxide	1024-57-3	UJ
SBDUP01_031217	SW8081B	Endosulfan Sulfate	1031-07-8	UJ
SBDUP01_031217	SW8081B	Aldrin	309-00-2	UJ
SBDUP01_031217	SW8081B	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	UJ
SBDUP01_031217	SW8081B	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	UJ
SBDUP01_031217	SW8081B	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	UJ
SBDUP01_031217	SW8081B	Beta Endosulfan	33213-65-9	UJ
SBDUP01_031217	SW8081B	P,P'-DDT	50-29-3	UJ
SBDUP01_031217	SW8081B	cis-Chlordane	5103-71-9	UJ
SBDUP01_031217	SW8081B	Endrin Ketone	53494-70-5	UJ

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
SBDUP01_031217	SW8081B	gamma-Chlordane	5566-34-7	UJ
SBDUP01_031217	SW8081B	Chlordane	57-74-9	UJ
SBDUP01_031217	SW8081B	Gamma BHC (Lindane)	58-89-9	UJ
SBDUP01_031217	SW8081B	Dieldrin	60-57-1	UJ
SBDUP01_031217	SW8081B	Endrin	72-20-8	UJ
SBDUP01_031217	SW8081B	Methoxychlor	72-43-5	UJ
SBDUP01_031217	SW8081B	P,P'-DDD	72-54-8	UJ
SBDUP01_031217	SW8081B	P,P'-DDE	72-55-9	UJ
SBDUP01_031217	SW8081B	Endrin Aldehyde	7421-93-4	UJ
SBDUP01_031217	SW8081B	Heptachlor	76-44-8	UJ
SBDUP01_031217	SW8081B	Toxaphene	8001-35-2	UJ
SBDUP01_031217	SW8081B	Alpha Endosulfan	959-98-8	UJ
SBDUP01_031217	SW8270C	2,4-Dinitrophenol	51-28-5	UJ
SBDUP01_031217	SW8270C	4,6-Dinitro-2-Methylphenol	534-52-1	UJ
SBDUP01_031217	SW8270C	Carbazole	86-74-8	J
SB06_7.5-8	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB06_8-9	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB12_0-1	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB12_4.5-5	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB14_0.5-1.5	SW7196A	Hexavalent Chromium	18540-29-9	UJ

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
SB14_5-6	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB08_0-1	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB08_5-6	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB07_0-1	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB07_5-6	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB09_0-1	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB09_7.5-8	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB10_0-1	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB10_5-6	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB11_0-1	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SB11_4-5	SW7196A	Hexavalent Chromium	18540-29-9	UJ
SBDUP01_031217	SW7196A	Hexavalent Chromium	18540-29-9	UJ

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by Method 8260C:

The continuing calibration verification (CCV) analyzed on 3/17/2017 at 8:58 a.m. exhibited percent differences (%Ds) greater than the control limit for t-butyl alcohol (26.6%), bromoform

(25.4%) and 1,3-dichlorobenzene (20.3%). The associated results in samples SB12_0-1 and SB06_8-9 are qualified as "J" or "UJ" based on potential indeterminate bias.

The initial calibration analyzed for instrument VOA No.3 exhibited a low average response factor (RF) for 1,4-dioxane (0.003). The associated result in samples SB06_7.5-8 is qualified as "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/20/17 at 8:49 a.m. exhibited %Ds greater than the control limit for cis-1,2-dichloroethene (20.9%) and 1,4-dioxane (33.3%). The associated results in sample SB06_7.5-8 are qualified as "UJ" based on potential indeterminate bias.

SVOCs by Method 8270D:

The LCS BC70816 exhibited percent recoveries greater than the upper control limits for 4,6-dinitro-2-methylphenol (253%) and carbazole (188%). The associated positive detections in samples 17C0482-01 through 17C0482-17 are qualified as "J" based on potential high bias.

The initial calibration for instrument BNA #3 exhibited relative standard deviations (RSDs) greater than the upper control limit for 2,4-dinitrophenol (49.98%) and 4,6-dinitro-2-methylphenol (43.13%). The associated results in samples SB12_0-1, SB14_5-6, SB07_5-6, SB09_7.5-8 and SBDUP01_031217 are qualified as "J" or "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/22/2017 at 9:19 a.m. exhibited %Ds greater than the control limit for n-nitrosodimethylamine (-35.2%), aniline (-32.9%), benzoic acid (-52.7%), 4-chloroaniline (-53.4%), hexachlorocyclopentadiene (51.4%), 2,4-dinitrophenol (96.5%), 4,6-dinitro-2-methylphenol (186.2%), benzidine (-36.5%), butylbenzylphthalate (-31.8%), indeno(1,2,3-cd)pyrene (52.7%) and dibenzo(a,h)anthracene (56.5%). The associated results in samples SB11_4-5, SB12_0-1, SB07_5-6 and SB09_7.5-8 are qualified as "J" or "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/21/2017 at 1:37 p.m. exhibited %Ds greater than the control limit for benzaldehyde (-46.3%), aniline (-35.4%), phenol (-34.5%), bis(2-chloroethyl)ether (-31.9%), 2-methylphenol (-26.6%), acetophenone (-33.9%), bis(2-chloroisopropyl)ether, (-46.8%), n-nitroso-di-n-propylamine (-39.8%), bis(2-chloroethoxy)methane (-25.8%) and hexachlorobenzene (23.3%). The associated results in samples SB06_7.5-8, SB06_8-9, SB12_4.5-5, SB14_0.5-1.5, SB08_0-1, SB08_5-6, SB07_0-1, SB09_0-1, SB10_0-1, SB10_5-6 and SB11_0-1are qualified as "J" or "UJ" based on potential indeterminate bias.

The CCV analyzed on 3/22/2017 at 7:40 a.m. exhibited %Ds greater than the control limit for n-nitrosodimethylamine (-30.8%), benzaldehyde (-35.8%), phenol (-33.5%), bis(2-chloroethyl)ether (-29.7%), 2-methylphenol (-28.8%), bis(2-chloroisopropyl)ether (-40.2%), n-nitroso-di-n-propylamine (-38.2%), bis(2-chloroethoxy)methane (-26.3%) and benzoic acid (-34.1%). The associated results in sample SB11_4-5 are qualified as "J" or "UJ" based on potential indeterminate bias.

PCBs by Method 8082A:

The surrogate decachlorobiphenyl was recovered below the lower control limit (i.e. 30%) in sample SB11_4-5 (29.0%). The associated results are qualified as "UJ" based on potential low bias.

Pesticides by Method 8081B:

The surrogate decachlorobiphenyl was recovered below the lower control limit (i.e. 30%) in sample SBDUP01_031217 (27.8%). The associated results are qualified as "UJ" based on potential low bias.

Metals by Method 6010C:

The initial calibration blank analyzed for batch Y7C2003 displayed a positive detection for antimony at a concentration of 0.006 µg/L. The associated results in samples 17C0482-01 through 17C0482-17 are either greater than ten times the blank contamination or are non-detections. No qualification is necessary.

Hexavalent Chromium by Method 7196A:

The MS for parent sample SB06_7.5-8 exhibited a percent recovery below the lower control limit (14.0%). The associated results in all of the investigative samples are qualified as "J" or "UJ" based on potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies which do not directly impact data quality and do not necessitate qualification. The other deficiencies are identified below.

SVOCs by Method 8270D:

The surrogate terphenyl-d14 was recovered below the lower control limit (i.e. 30%) in samples SB12_0-1 (20.8%) and SB09_7.5-8 (19.5%). The other two base-neutral surrogates were recovered within their respective control limits. No qualification is necessary based on this non-conformance.

The surrogate nitrobenzene-d5 was recovered below the lower control limit in samples SB14_05-1.5 (28.2%) and SB10_0-1 (27.5%). The other two base-neutral surrogates were recovered within their respective control limits. No qualification is necessary based on this non-conformance.

The MS for parent sample SB14_5-6 exhibited low recoveries for benzo(a)anthracene (no recovery), benzo(a)pyrene (no recovery), benzo(b)fluoranthene (2.92%), benzo(k)fluoranthene (no recovery), chrysene (no recovery), fluoranthene (no recovery), and pyrene (no recovery). The MSD for the same sample also exhibited low percent recoveries for benzo(a)anthracene (13.0%), benzo(a)pyrene (17.5%), chrysene (9.40%), fluoranthene (6.44%), and pyrene (11.3%). The MS/MSD pair exhibited relative percent differences (RPDs) greater than the upper control limit for 3,3'-dichlorobenzidine (32.6%) and 4-nitrophenol (30.8%). No qualification is necessary based solely on matrix spike recoveries.

The method blank for batch BC70821 displayed a positive detection for 1,2,3-trichlorobenzene at a concentration of 0.0025 mg/kg. The associated result in sample SB06_7.5-8 is a non-detection. No qualification is necessary.

The CCV analyzed on 3/21/17 at 10:08 a.m. exhibited %Ds greater than the control limit for bis(2-chloroethoxy)methane (-33.5%), hexachlorocyclopentadiene (59.2%), 2,4-dinitrophenol (131.5%), 4,6-dinitro-2-methylphenol (189.6%), hexachlorobenzene (24.2%), butyl benzyl phthalate (-34.6%), indeno(1,2,3-cd)pyrene (55.9%) and dibenzo(a,h)anthracene (64.3%). This CCV is not associated with any investigative samples. No qualification is necessary.

PCBs by Method 8082A:

The MS for parent sample SB14_0.5-1.5 exhibited percent recoveries less than the lower control limit for Aroclor-1016 (34.3%) and Aroclor-1260 (30.2%). The MSD for the same parent sample also exhibited a low recovery for Aroclor-1260 (35.2%). No qualification is necessary based solely on matrix spike recoveries.

Pesticides by Method 8081B:

The MS for parent sample SB09_7.5-8 exhibited percent recoveries below the lower control limit for 4,4'-DDD (28.1%), 4,4'-DDE (20.6%), 4,4'-DDT (19.8%), aldrin (23.9%), alpha-ahlordane (27.4%), dieldrin (27.8%), endosulfan I (27.0%), endosulfan II (29.6%), gamma-chlordane (28.8%) and heptachlor (27.3%). The MSD for the same parent sample exhibited percent recoveries below the control limit for 4,4'-DDD (24.1%), 4,4'-DDE (21.6%), 4,4'-DDT (27.9%), aldrin (22.7%), alpha-BHC (7.18%), alpha-chlordane (16.8%), delta-BHC (8.78%), dieldrin (11.7%), endosulfan I (10.8%), endosulfan II (15.7%), endosulfan sulfate (13.2%), endrin (17.4%), endrin ketone (16.5%), gamma-chlordane (9.78%), heptachlor (18.9%) and heptachlor epoxide (13.0%). The same MS/MSD also exhibited an RPD greater than the upper control limit for endrin aldehyde (31.3%). No qualification is necessary based solely on matrix spike recoveries.

Metals by Method 6010C:

The MS for parent sample SB12_0-1 exhibited percent recoveries greater than the upper control limit for aluminum (154%) and Iron (758%). No qualification is necessary based solely on matrix spikes.

The instrument reporting limit (RL) check analyzed for batch Y7C2003 exhibited percent recoveries greater than the upper control limit (i.e. 130%) for antimony (187%), copper (145%), lead (136%) and zinc (138%). An additional RL check was analyzed and met the method performance criteria. No qualification is necessary.

The continuing calibration blank (CCB) analyzed for batch Y7C2003 displayed a positive detection for antimony at a concentration of 0.007 µg/L. This CCB is not associated with any investigative samples. No qualification is necessary

COMMENTS:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All sample hold times were met and the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Kevin Nelson

Staff Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

2700 Kelly Road, Suite 200 Warrington, PA 18976 T: 215.491.6500 F: 215.491.6501
Mailing Address: P.O. Box 1569 Doylestown, PA 18901

To: Kimberly Del Col, Senior Staff Engineer

From: Kevin Nelson, Staff Chemist

Date: April 13, 2017

Re: Data Usability Summary Report
For 335 Bond Street
Brooklyn, New York
Soil Vapor and Indoor Air Samples Collected March 2017
Langan Project No.: 170362501

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of three soil vapor samples and two indoor air samples collected on March 13, 2017 by Langan Engineering and Environmental Services (Langan) at 335 Bond Street located in Brooklyn, New York (the Site). The samples were analyzed by York Analytical Laboratories (NYSDOH ELAP registration # 10854) for volatile organic compounds (VOCs) by the following analytical method:

- VOCs by USEPA Method TO-15

Table 1, below, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

TABLE 1: SAMPLE SUMMARY

SDG	*Lab Sample ID*	*Client Sample ID*	*Sample Date*	*Analytical Parameters*
17C0481	17C0481-01	SS01_031117	3/11/2017	VOCs
17C0481	17C0481-02	SS02_031117	3/11/2017	VOCs
17C0481	17C0481-03	IA01_031117	3/11/2017	VOCs
17C0481	17C0481-04	IA02_031117	3/11/2017	VOCs
17C0481	17C0481-05	SVDUP01_031117	3/11/2017	VOCs

VALIDATION OVERVIEW

This data validation was performed in accordance with USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of VOCs in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6) and the USEPA Contract Laboratory Program "National Functional Guidelines for Superfund Organic Methods Data Review" (EPA-540-R-2017-002, January 2017).

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum include holding times, instrument tuning, instrument calibration, laboratory blanks, laboratory control samples, laboratory duplicates, field duplicates, system monitoring compounds, internal standard area counts, clean canister certifications, target compound identification and quantification, chromatograms and overall system performance.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.
- **U –** The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- **NJ –** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are not sufficiently

valid and technically supportable to be used for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified.

TABLE 2: VALIDATOR-APPLIED QUALIFICATION

Client Sample ID	*Analysis*	*Analyte*	*CAS #*	*Validator Qualifier*
IA01_031117	VOCs	Isopropanol	67-63-0	J
IA02_031117	VOCs	Isopropanol	67-63-0	J
SS01_031117	VOCs	Isopropanol	67-63-0	J
SS02_031117	VOCs	Isopropanol	67-63-0	J
SS02_031117	VOCs	Acetone	67-64-1	J
SS02_031117	VOCs	Methyl Ethyl Ketone (2-Butanone)	78-93-3	J
SVDUP01_031117	VOCs	Isopropanol	67-63-0	J
SVDUP01_031117	VOCs	Acetone	67-64-1	J
SVDUP01_031117	VOCs	Methyl Ethyl Ketone (2-Butanone)	78-93-3	UJ

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by USEPA Method TO-15:

The field duplicate SVDUP01_031117 and parent sample SS02_031117 exhibited relative percent differences (RPDs) greater than the upper control limit (i.e 50%) for 2-butanone (155%), acetone (129%) and isopropanol (122%). The results in the parent and the duplicate samples are qualified as "J" or "UJ" based on potential indeterminate bias.

The laboratory duplicate for parent sample IA01_031117 exhibited an RPD greater than the upper control limit (i.e. 25%) for isopropanol (33.4%). The associated results in samples SS01_031117, SS02_031117, IA01_031117, IA031117 and SVDUP01_031117 are qualified as "J" based on potential indeterminate bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies which do not directly impact data quality and do not necessitate qualification. No other deficiencies were identified.

COMMENTS:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All sample hold times were met and the data packages met ASP Category B requirements.

The field duplicate and parent sample SS02_031117 exhibited relative percent differences greater than the control limit (i.e. 50%) for 2- butanone, acetone and isopropanol. See the minor deficiencies section.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Kevin Nelson

Staff Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

2700 Kelly Road, Suite 200 Warrington, PA 18976 T: 215.491.6500 F: 215.491.6501
Mailing Address: P.O. Box 1569 Doylestown, PA 18901

To: Kim Del col, Langan Project Engineer

From: Emily Strake, Langan Senior Project Chemist

Date: 22 September 2018

Re: Data Usability Summary Report
For 335 Bond Street
Brooklyn, New York
Groundwater Samples Collected March 2017
Langan Project No.: 170362501

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of groundwater samples collected in March, 2017 by Langan Engineering and Environmental Services ("Langan") at 335 Bond Street, located in Brooklyn, New York. The samples were analyzed by York Analytical Laboratories (NYSDOH ELAP registration # 10854) for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), total and dissolved metals, total and dissolved mercury (Hg), hexavalent chromium (CrVI), and cyanide (CN) using the analytical methods specified below.

- VOCs by SW-846 Method 8260C
- SVOCs by SW-846 Method 8270D & 8270D SIM
- Pesticides by SW-846 Method 8081B
- PCBs by SW-846 Method 8082A
- Metals by SW-846 Method 6010C
- Metals by SW-846 Method 6020A
- Hg by SW-846 Method 7473
- CN by SW-846 Method 9010
- CrVI by SW-846 Method 7196A

Table 1, below, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

TABLE 1: SAMPLE SUMMARY

SDG	*Lab Sample ID*	*Client Sample ID*	*Sample Date*	*Analytical Parameters*
17C0708	17C0708-01	MW06_031917	3/19/2017	VOCs, SVOCs, Pesticides, PCBs, Metals, Hg, CrVI, CN
17C0708	17C0708-02	MW09_031917	3/19/2017	VOCs, SVOCs, Pesticides, PCBs, Metals, Hg, CrVI, CN

SDG	Lab Sample ID	Client Sample ID	Sample Date	Analytical Parameters
17C0708	17C0708-03	MW10_031917	3/19/2017	VOCs, SVOCs, Pesticides, PCBs, Metals, Hg, CrVI, CN
17C0708	17C0708-04	MW11_031917	3/19/2017	VOCs, SVOCs, Pesticides, PCBs, Metals, Hg, CrVI, CN
17C0708	17C0708-05	MW14_031917	3/19/2017	VOCs, SVOCs, Pesticides, PCBs, Metals, Hg, CrVI, CN
17C0708	17C0708-06	GWDUP01_031917	3/19/2017	VOCs, SVOCs, Pesticides, PCBs, Metals, Hg, CrVI, CN
17C0708	17C0708-07	GWTB01_031917	3/19/2017	VOCs
17C0708	17C0708-08	FB01_031917	3/19/2017	VOCs, SVOCs, Pesticides, PCBs, Metals, Hg, CrVI, CN

VALIDATION OVERVIEW

This data validation was performed in accordance with USEPA Region II Standard Operating Procedure (SOP) #HW-34a, "Trace Volatile Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-33A, "Low/Medium Volatile Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-35A, "Semivolatile Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-36A, "Pesticide Data Validation" (October 2016, Revision 1), USEPA Region II SOP HW-37A, "PCB Aroclor Data Validation" (June 2015, Revision 0), USEPA Region II SOP HW-17, "Validating Chlorinated Herbicides" (December 2010, Revision #3.1), USEPA Region II SOP #HW-3a, "ICP-AES Data Validation" (September 2016, Revision 1), USEPA Region II SOP #HW-3c, "Mercury and Cyanide Data Validation" (September 2016, Revision 1), the USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA-540-R-2017-002, January 2017), USEPA "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA-540-R-2017-001, January 2017) and the specifics of the methods employed.

Validation includes evaluation of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum include holding times, sample preservation, sample extraction, sample digestion, instrument tuning, instrument calibration, laboratory blanks, laboratory control samples, system monitoring compounds, internal standard area counts, CRDL standards, ICP interference check samples, serial dilutions, matrix spike/spike duplicate recoveries, interference check samples, laboratory duplicates, field duplicates, trip blanks, target compound identification and quantification, chromatograms, and overall system performance.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

R – The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items subject to review. Data that is qualified as "R" are not sufficiently valid and technically supportable to be used for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified.

TABLE 2: VALIDATOR-APPLIED QUALIFICATION

Project Sample ID	*Analysis*	*CAS #*	*Analyte*	*Validator Qualifier*
FB01_031917	SW7196A	18540-29-9	Chromium, Hexavalent	UJ
FB01_031917	SW8260B	74-83-9	Bromomethane	UJ
FB01_031917	SW8270C	100-52-7	Benzaldehyde	UJ
FB01_031917	SW8270C	65-85-0	Benzoic Acid	UJ
GWDUP01_031917	SW6010B	7439-92-1	Total Lead	J
GWDUP01_031917	SW6010B	7440-47-3	Total Chromium, Total	J
GWDUP01_031917	SW7196A	18540-29-9	Chromium, Hexavalent	J
GWDUP01_031917	SW8081B	100-01-6	4-Nitroaniline	UJ
GWDUP01_031917	SW8081B	1024-57-3	Heptachlor Epoxide	UJ
GWDUP01_031917	SW8081B	1031-07-8	Endosulfan Sulfate	UJ
GWDUP01_031917	SW8081B	309-00-2	Aldrin	UJ
GWDUP01_031917	SW8081B	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	UJ

Project Sample ID	*Analysis*	*CAS #*	*Analyte*	*Validator Qualifier*
GWDUP01_031917	SW8081B	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	UJ
GWDUP01_031917	SW8081B	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	UJ
GWDUP01_031917	SW8081B	33213-65-9	Beta Endosulfan	UJ
GWDUP01_031917	SW8081B	50-29-3	P,P'-DDT	UJ
GWDUP01_031917	SW8081B	5103-71-9	cis-Chlordane	UJ
GWDUP01_031917	SW8081B	53494-70-5	Endrin Ketone	UJ
GWDUP01_031917	SW8081B	5566-34-7	gamma-Chlordane	UJ
GWDUP01_031917	SW8081B	57-74-9	Chlordane	UJ
GWDUP01_031917	SW8081B	58-89-9	Gamma Bhc (Lindane)	UJ
GWDUP01_031917	SW8081B	60-57-1	Dieldrin	UJ
GWDUP01_031917	SW8081B	72-20-8	Endrin	UJ
GWDUP01_031917	SW8081B	72-43-5	Methoxychlor	UJ
GWDUP01_031917	SW8081B	72-54-8	P,P'-DDD	UJ
GWDUP01_031917	SW8081B	72-55-9	P,P'-DDE	UJ
GWDUP01_031917	SW8081B	7421-93-4	Endrin Aldehyde	UJ
GWDUP01_031917	SW8081B	76-44-8	Heptachlor	UJ
GWDUP01_031917	SW8081B	8001-35-2	Toxaphene	UJ
GWDUP01_031917	SW8081B	959-98-8	Alpha Endosulfan	UJ
GWDUP01_031917	SW8260B	74-83-9	Bromomethane	UJ
GWDUP01_031917	SW8270C	129-00-0	Pyrene	J
GWDUP01_031917	SW8270C	205-99-2	Benzo(B)Fluoranthene	J
GWDUP01_031917	SW8270C	206-44-0	Fluoranthene	J
GWDUP01_031917	SW8270C	207-08-9	Benzo(K)Fluoranthene	J
GWDUP01_031917	SW8270C	218-01-9	Chrysene	J
GWDUP01_031917	SW8270C	50-32-8	Benzo(A)Pyrene	J
GWDUP01_031917	SW8270C	56-55-3	Benzo(A)Anthracene	J
GWDUP01_031917	SW8270C	65-85-0	Benzoic Acid	UJ
GWDUP01_031917	SW8270C	85-01-8	Phenanthrene	J
GWDUP01_031917	SW8270C	100-52-7	Benzaldehyde	UJ
GWTB01_031917	SW8260B	74-83-9	Bromomethane	UJ
MW06_031917	SW6010B	7440-50-8	Dissolved Copper	J

Project Sample ID	*Analysis*	*CAS #*	*Analyte*	*Validator Qualifier*
MW06_031917	SW6010B	7439-89-6	Total Iron	J
MW06_031917	SW6010B	7439-95-4	Total Magnesium	J
MW06_031917	SW6010B	7440-09-7	Total Potassium	J
MW06_031917	SW6010B	7440-23-5	Total Sodium	J
MW06_031917	SW6010B	7440-47-3	Total Chromium, Total	J
MW06_031917	SW6010B	7440-66-6	Total Zinc	J
MW06_031917	SW6010B	7440-70-2	Total Calcium	J
MW06_031917	SW7196A	18540-29-9	Chromium, Hexavalent	J
MW06_031917	SW8081B	100-01-6	4-Nitroaniline	UJ
MW06_031917	SW8081B	1024-57-3	Heptachlor Epoxide	UJ
MW06_031917	SW8081B	1031-07-8	Endosulfan Sulfate	UJ
MW06_031917	SW8081B	309-00-2	Aldrin	UJ
MW06_031917	SW8081B	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	UJ
MW06_031917	SW8081B	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	UJ
MW06_031917	SW8081B	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	UJ
MW06_031917	SW8081B	33213-65-9	Beta Endosulfan	UJ
MW06_031917	SW8081B	50-29-3	P,P'-DDT	UJ
MW06_031917	SW8081B	5103-71-9	cis-Chlordane	UJ
MW06_031917	SW8081B	53494-70-5	Endrin Ketone	UJ
MW06_031917	SW8081B	5566-34-7	gamma-Chlordane	UJ
MW06_031917	SW8081B	57-74-9	Chlordane	UJ
MW06_031917	SW8081B	58-89-9	Gamma Bhc (Lindane)	UJ
MW06_031917	SW8081B	60-57-1	Dieldrin	UJ
MW06_031917	SW8081B	72-20-8	Endrin	UJ
MW06_031917	SW8081B	72-43-5	Methoxychlor	UJ
MW06_031917	SW8081B	72-54-8	P,P'-DDD	UJ
MW06_031917	SW8081B	72-55-9	P,P'-DDE	UJ
MW06_031917	SW8081B	7421-93-4	Endrin Aldehyde	UJ
MW06_031917	SW8081B	76-44-8	Heptachlor	UJ
MW06_031917	SW8081B	8001-35-2	Toxaphene	UJ
MW06_031917	SW8081B	959-98-8	Alpha Endosulfan	UJ

Project Sample ID	*Analysis*	*CAS #*	*Analyte*	*Validator Qualifier*
MW06_031917	SW8082A	11096-82-5	PCB-1260 (Aroclor 1260)	UJ
MW06_031917	SW8082A	11097-69-1	PCB-1254 (Aroclor 1254)	UJ
MW06_031917	SW8082A	11104-28-2	PCB-1221 (Aroclor 1221)	UJ
MW06_031917	SW8082A	11141-16-5	PCB-1232 (Aroclor 1232)	UJ
MW06_031917	SW8082A	12672-29-6	PCB-1248 (Aroclor 1248)	UJ
MW06_031917	SW8082A	12674-11-2	PCB-1016 (Aroclor 1016)	UJ
MW06_031917	SW8082A	1336-36-3	Polychlorinated Biphenyl (PCBs)	UJ
MW06_031917	SW8082A	53469-21-9	PCB-1242 (Aroclor 1242)	UJ
MW06_031917	SW8260B	74-83-9	Bromomethane	UJ
MW06_031917	SW8270C	100-52-7	Benzaldehyde	UJ
MW06_031917	SW8270C	65-85-0	Benzoic Acid	UJ
MW06_031917	SW8270C	129-00-0	Pyrene	UJ
MW06_031917	SW8270C	205-99-2	Benzo(B)Fluoranthene	UJ
MW06_031917	SW8270C	206-44-0	Fluoranthene	UJ
MW06_031917	SW8270C	207-08-9	Benzo(K)Fluoranthene	UJ
MW06_031917	SW8270C	218-01-9	Chrysene	UJ
MW06_031917	SW8270C	50-32-8	Benzo(A)Pyrene	UJ
MW06_031917	SW8270C	56-55-3	Benzo(A)Anthracene	UJ
MW06_031917	SW8270C	85-01-8	Phenanthrene	J
MW06_031917	SW9010	57-12-5	Cyanide	UJ
MW09_031917	SW7196A	18540-29-9	Chromium, Hexavalent	J
MW09_031917	SW8081B	100-01-6	4-Nitroaniline	UJ
MW09_031917	SW8081B	1024-57-3	Heptachlor Epoxide	UJ
MW09_031917	SW8081B	1031-07-8	Endosulfan Sulfate	UJ
MW09_031917	SW8081B	309-00-2	Aldrin	UJ
MW09_031917	SW8081B	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	UJ
MW09_031917	SW8081B	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	UJ
MW09_031917	SW8081B	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	UJ
MW09_031917	SW8081B	33213-65-9	Beta Endosulfan	UJ
MW09_031917	SW8081B	50-29-3	P,P'-DDT	UJ
MW09_031917	SW8081B	5103-71-9	cis-Chlordane	UJ

Project Sample ID	*Analysis*	*CAS #*	*Analyte*	*Validator Qualifier*
MW09_031917	SW8081B	53494-70-5	Endrin Ketone	UJ
MW09_031917	SW8081B	5566-34-7	gamma-Chlordane	UJ
MW09_031917	SW8081B	57-74-9	Chlordane	UJ
MW09_031917	SW8081B	58-89-9	Gamma Bhc (Lindane)	UJ
MW09_031917	SW8081B	60-57-1	Dieldrin	UJ
MW09_031917	SW8081B	72-20-8	Endrin	UJ
MW09_031917	SW8081B	72-43-5	Methoxychlor	UJ
MW09_031917	SW8081B	72-54-8	P,P'-DDD	UJ
MW09_031917	SW8081B	72-55-9	P,P'-DDE	UJ
MW09_031917	SW8081B	7421-93-4	Endrin Aldehyde	UJ
MW09_031917	SW8081B	76-44-8	Heptachlor	UJ
MW09_031917	SW8081B	8001-35-2	Toxaphene	UJ
MW09_031917	SW8081B	959-98-8	Alpha Endosulfan	UJ
MW09_031917	SW8082A	11096-82-5	PCB-1260 (Aroclor 1260)	UJ
MW09_031917	SW8082A	11097-69-1	PCB-1254 (Aroclor 1254)	UJ
MW09_031917	SW8082A	11104-28-2	PCB-1221 (Aroclor 1221)	UJ
MW09_031917	SW8082A	11141-16-5	PCB-1232 (Aroclor 1232)	UJ
MW09_031917	SW8082A	12672-29-6	PCB-1248 (Aroclor 1248)	UJ
MW09_031917	SW8082A	12674-11-2	PCB-1016 (Aroclor 1016)	UJ
MW09_031917	SW8082A	1336-36-3	Polychlorinated Biphenyl (PCBs)	UJ
MW09_031917	SW8082A	53469-21-9	PCB-1242 (Aroclor 1242)	UJ
MW09_031917	SW8260B	74-83-9	Bromomethane	UJ
MW09_031917	SW8270C	100-52-7	Benzaldehyde	UJ
MW09_031917	SW8270C	65-85-0	Benzoic Acid	UJ
MW10_031917	SW7196A	18540-29-9	Chromium, Hexavalent	J
MW10_031917	SW8260B	67-64-1	Acetone	U (2)
MW10_031917	SW8260B	74-83-9	Bromomethane	UJ
MW10_031917	SW8270C	100-52-7	Benzaldehyde	UJ
MW10_031917	SW8270C	65-85-0	Benzoic Acid	UJ
MW11_031917	SW7196A	18540-29-9	Chromium, Hexavalent	J
MW11_031917	SW8260B	74-83-9	Bromomethane	UJ
MW11_031917	SW8270C	100-52-7	Benzaldehyde	UJ

Project Sample ID	*Analysis*	*CAS #*	*Analyte*	*Validator Qualifier*
MW11_031917	SW8270C	65-85-0	Benzoic Acid	UJ
MW14_031917	SW6010B	7440-23-5	Dissolved Sodium	J
MW14_031917	SW7196A	18540-29-9	Chromium, Hexavalent	J
MW14_031917	SW8260B	74-83-9	Bromomethane	UJ
MW14_031917	SW8270C	100-52-7	Benzaldehyde	UJ
MW14_031917	SW8270C	65-85-0	Benzoic Acid	UJ

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260C:

Field blank sample FB01_031917 exhibited a positive detection for acetone at 2.7 ug/L. The associated positive sample result for MW10_031917 is qualified as "U" at the reporting limit.

LCS/LCSD BC71082 displayed recoveries less than the lower control limit for bromomethane at 21.4% and 20.2%. The associated sample results are qualified as "UJ".

SVOCs by SW-846 Methods 8270D and 8270DSIM:

LCS/LCSD BC71120 did not recover (i.e., 0%) for benzaldehyde and benzoic acid. These constituents are poor performers; the associated sample results are qualified as "UJ".

Pesticides by SW-846 Method 8081B:

Samples MW06_031917, GWDUP01_031917, and MW09_031917 exhibited surrogate recoveries for TCMX less than the lower control limit at 15.6%, 29.1%, and 16.8%, respectively. The associated sample results are qualified as "UJ".

PCBs by SW-846 Method 8082A:

Samples MW06_031917 and MW09_031917 exhibited surrogate recoveries for TCMX less than the lower control limit at 14.5% and 19%, respectively. The associated sample results are qualified as "UJ".

Metals by SW-846 Methods 6010C and 6020A:

ICP serial dilution sample MW06_031917 exhibited %Ds greater than the control limit for calcium at 10.8%, iron at 14.6%, magnesium at 13.2%, potassium at 12.8%, sodium at 12.5%, and zinc at 17.7%. The associated sample results are qualified as "J".

Laboratory duplicate sample MW06_031917 displayed a RPD greater than the control limit for dissolved copper at 31.8%. The associated sample result is qualified as "J".

Sample MW14_031917 displayed a concentration for dissolved sodium greater than the range of the instrument calibration. The associated sample result is qualified as "J".

Cyanide by SW-846 Method 9010:

MS sample MW06_031917 displayed a recovery less than the lower control limit at 75%. The associated sample result is qualified as "UJ".

CrVI by SW-846 Method 7196A:

All groundwater and field blank samples were analyzed one day outside of the holding time period. The associated sample results are qualified as estimated.

The total chromium sample results were less than hexavalent chromium results for samples GWDUP01_031917 and MW06_031917. The associated sample results are qualified as estimated.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260C:

Field blank sample FB01_031917 exhibited a positive detection for 2-butanone at 2.3 ug/L. The associated sample results were non-detect; qualification is not required.

MS/SD sample MW06_031917 exhibited recoveries outside of control limits for bromomethane, cyclohexane, cis-1,2-DCE, TBA, 1,4-dioxane, PCE, and vinyl chloride. In

addition, the MS/SD RPD for TBA was greater than the control limit at 52.5%. Organic data is not qualified on the basis of MS/SD recoveries or RPDs alone.

SVOCs by SW-846 Methods 8270D and 8270DSIM:

Samples MW09_031917, MW10_031917, MW06_031917, MW11_031917, and GWDUP01_031917 displayed surrogate recoveries greater than the upper control limit for 2,4,6-tribromophenol at 124%, 108%, 111%, 123%, and 116%, respectively. The associated acid-extractable compounds were non-detect; qualification is not necessary.

LCS/LCSD BC71120 displayed recoveries greater than the upper control limit for 2,3,4,6-tetrachlorophenol and a RPD greater than the control limit for 4-nitrophenol. The associated acid-extractable compounds were non-detect; qualification is not necessary.

Pesticides by SW-846 Method 8081B:

MS/SD sample MW06_031917 displayed MS/SD RPDs greater than the control limit for the majority of analytes. Organic data is not qualified on the basis of MS/SD RPDs alone.

Metals by SW-846 Methods 6010C and 6020A:

Field blank sample FB01_031917 exhibited positive detections for total iron at 56.1 ug/L, sodium at 256 ug/L, and zinc at 12 ug/L. The associated sample results were orders of magnitude greater than the blank amounts; qualification is not necessary.

CRDL standards Y7C2202 and Y7C2301 displayed recoveries greater than the upper control limit for copper at 142% and 143%, respectively. The associated sample results were greater than the reporting limit; qualification is not necessary.

Cyanide by SW-846 Method 9010:

Field blank sample FB01_031917 exhibited a positive detection for cyanide at ug/L. The associated sample results were non-detect; qualification is not required.

COMMENTS:

One field duplicate and parent sample pair was analyzed for the analytical parameters listed in the sample summary. The sample results meet the precision criteria if results greater than 5X RL exhibit an RPD less than or equal to 30%. If the result is less than 5X the RL, the absolute difference between the two results must be less than the ±1XRL. The following analytes did not meet the precision criteria:

- GWDUP01_031917 and MW06_031917: pyrene, benzo(b)fluoranthene, fluoranthene, benzo(k)fluoranthene, chrysene, benzo(a)pyrene, benzo(a)anthracene, phenanthrene, total lead, total chromium, hexavalent chromium.

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All laboratory data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

Emily Strake, CEP
Senior Project Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

2700 Kelly Road, Suite 200 Warrington, PA 18976 T: 215.491.6500 F: 215.491.6501
Mailing Address: P.O. Box 1569 Doylestown, PA 18901

To: Kim Del col, Langan Project Engineer

From: Emily Strake, Langan Senior Project Chemist

Date: 22 September 2018

Re: Data Usability Summary Report
For 335 Bond Street
Brooklyn, New York
July 2018 Groundwater Sampling
Langan Project No.: 170362501

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of five groundwater samples, one field blank and one trip blank collected on July 18, 2018 by Langan Engineering and Environmental Services ("Langan") at 335 Bond Street located in Brooklyn, New York ("the Site"). The samples were analyzed by York Analytical Laboratories (NYSDOH ELAP registration # 10854) and con-test analytical laboratory for volatile organic compounds (VOCs), 1,4-dioxane, perfluorinated alkyl substances (PFAS), nitrate, nitrite, ortho-phosphate, sulfate, alkalinity, ammonia, biological oxygen demand (BOD), chemical oxygen demand (COD), and total organic carbon (TOC).

- VOCs by SW-846 Method 8260C
- PFAS by EPA Method 537M
- 1,4-Dioxane by SW-846 Method 8270D with SIM
- Nitrate, nitrite, sulfate, and ortho-phosphate by EPA Method 300
- Alkalinity by SM 2320B
- Ammonia by SM 4500-NH3 D
- BOD by SM 5210B
- COD by SM 5220D
- TOC by SM 5310C

Table 1, below, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

TABLE 1: SAMPLE SUMMARY

SDG	*Lab Sample ID*	*Client Sample ID*	*Sample Date*	*Analytical Parameters*
18G0816	18G0816-01	MW15_071818	7/18/18	VOCs, nitrate, nitrite, ammonia, sulfate, phosphate, TOC, COD, BOD, alkalinity
18G0816	18G0816-02	MW16_071818	7/18/18	VOCs, nitrate, nitrite, ammonia, sulfate, phosphate, TOC, COD, BOD, alkalinity
18G0816 18G0847	18G0816-03 18G0847-01	MW17_071818	7/18/18	PFAS, VOCs, nitrate, nitrite, ammonia, sulfate, phosphate, TOC, COD, BOD, alkalinity, PFAS, 1,4-dioxane
18G0816	18G0816-04	MW18_071818	7/18/18	VOCs, nitrate, nitrite, ammonia, sulfate, phosphate, TOC, COD, BOD, alkalinity
18G0816 18G0847	18G0816-05 18G0847-01	DUP01_071818	7/18/18	PFAS, VOCs, nitrate, nitrite, ammonia, sulfate, phosphate, TOC, COD, BOD, alkalinity, PFAS, 1,4-dioxane
18G0816 18G0847	18G0816-06 18G0847-03	FB01_071818	7/18/18	PFAS, VOCs, nitrate, nitrite, ammonia, sulfate, phosphate, TOC, COD, BOD, alkalinity, PFAS, 1,4-dioxane
18G0816	18G0816-07	Trip Blank	7/18/18	VOCs

VALIDATION OVERVIEW

This data validation was performed in accordance with USEPA Region II Standard Operating Procedure (SOP) #HW-34A, "Trace Volatile Data Validation" (September, 2016, Revision 1), USEPA Region II SOP #HW-35A, "Semivolatile Data Validation" (September, 2016, Revision 1), the USEPA Contract Laboratory Program "National Functional Guidelines for Superfund Organic Methods Data Review" (USEPA-540-R-2017-002, January 2017), and the "National Functional Guidelines for Inorganic Superfund Data Review" (USEPA-540-R-2017-001, January 2017).

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator. Items subject to review in this memorandum include holding times, sample

preservation, sample extraction, instrument tuning, instrument calibration, laboratory blanks, laboratory control samples, system monitoring compounds, internal standard area counts, matrix spike/spike duplicate recoveries, target compound identification and quantification, chromatograms, field duplicate results, field blank and trip blank sample results, and overall system performance

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.
- **U –** The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- **NJ –** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are not sufficiently valid and technically supportable to be used for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified.

TABLE 2: VALIDATOR-APPLIED QUALIFICATION

Client Sample ID	*Analysis*	*CAS #*	*Analyte*	*Validator Qualifier*
DUP01_071818	SM5210B	BOD5	BIOLOGIC OXYGEN DEMAND, FIVE DAY	UJ
DUP01_071818	SW8260C	127-18-4	TETRACHLOROETHYLENE(PCE)	J
DUP01_071818	SW8260C	75-01-4	VINYL CHLORIDE	J
DUP01_071818	SW8260C	75-34-3	1,1-DICHLOROETHANE	J

Client Sample ID	*Analysis*	*CAS #*	*Analyte*	*Validator Qualifier*
DUP01_071818	SW8260C	75-35-4	1,1-DICHLOROETHENE	J
FB01_071818	SM5210B	BOD5	BIOLOGIC OXYGEN DEMAND, FIVE DAY	UJ
FB01_071818	SW8260C	67-64-1	ACETONE	J
MW15_071818	E300.0	14808-79-8	SULFATE (AS SO4)	J
MW15_071818	SM5210B	BOD5	BIOLOGIC OXYGEN DEMAND, FIVE DAY	UJ
MW15_071818	SW8260C	67-64-1	ACETONE	J
MW16_071818	E300.0	14808-79-8	SULFATE (AS SO4)	J
MW16_071818	SM5210B	BOD5	BIOLOGIC OXYGEN DEMAND, FIVE DAY	UJ
MW16_071818	SW8260C	67-64-1	ACETONE	J
MW16_071818	SW8260C	156-59-2	CIS-1,2-DICHLOROETHYLENE	J
MW16_071818	SW8260C	75-01-4	VINYL CHLORIDE	J
MW17_071818	SM5210B	BOD5	BIOLOGIC OXYGEN DEMAND, FIVE DAY	UJ
MW17_071818	SW8260C	127-18-4	TETRACHLOROETHYLENE(PCE)	J
MW17_071818	SW8260C	67-64-1	ACETONE	J
MW17_071818	SW8260C	75-01-4	VINYL CHLORIDE	J
MW17_071818	SW8260C	75-34-3	1,1-DICHLOROETHANE	J
MW17_071818	SW8260C	75-35-4	1,1-DICHLOROETHENE	J
MW18_071818	SM5210B	BOD5	BIOLOGIC OXYGEN DEMAND, FIVE DAY	UJ
MW18_071818	SW8260C	67-64-1	ACETONE	U
MW17_071818	E537	375-22-4	Perfluorobutanoic Acid	J
MW17_071818	E537	M2-6:2FTS	Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonate (6:2)	J
MW17_071818	E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	J
MW17_071818	E537	307-24-4	Perfluorohexanoic acid (PFHxA)	J
DUP01_071818	E537	375-22-4	Perfluorobutanoic Acid	J
DUP01_071818	E537	M2-6:2FTS	Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonate (6:2)	J

Client Sample ID	*Analysis*	*CAS #*	*Analyte*	*Validator Qualifier*
DUP01_071818	E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	J
DUP01_071818	E537	307-24-4	Perfluorohexanoic acid (PFHxA)	J

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The minor deficiencies are identified below.

VOCs by SW-846 Method 8260C:

LCS/LCSD BG80924 exhibited RPDs greater than the control limit for TBA at 33.7%, 1,4-dioxane at 31.6%, 2-hexanone at 20.8%, and acetone at 22%. The associated positive sample results are qualified as estimated.

LCS BG80996 exhibited a recovery greater than the upper control limit for vinyl chloride at 133%. The associated sample result for MW16_071818 is qualified as "J", for estimated.

Sample MW16_071818 displayed a concentration greater than the range of the instrument calibration for cis-1,2-dichloroethene. The associated positive sample result is qualified as "J".

Field blank sample FB01_071818 displayed a positive detection for acetone at 1.87 ug/L. The associated positive sample results are qualified as "U" at the reporting limit.

Sulfate by EPA Method 300:

Samples MW15_071818 and MW16_071818 exhibited positive detections greater than the range of the instrument calibration for sulfate. The associated positive detections are qualified as "J".

BOD by SM5220D:

Samples DUP01_071818, FB01_071818, MW15_071818, MW16_071818, MW17_071818, and MW18_071818 were analyzed 8 hours outside of the 5-day holding time period. The associated sample results are qualified as "UJ".

PFAS by EPA 537M:

Samples MW17_071818 and DUP01_071818 displayed surrogate recoveries less than the lower control limit at 5X dilutions. The associated sample results for PFPeA and PFHxA are qualified as "J".

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The other deficiencies are identified below.

COD by SM5220D:

Field blank sample FB01_071818 displayed a positive detection at 23 mg/L. On the basis of professional judgment, the associated sample results are not qualified.

TOC by SM5310C:

Field blank sample FB01_071818 displayed a positive detection at 1.77 mg/L. On the basis of professional judgment, the associated sample results are not qualified.

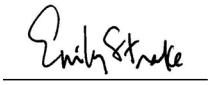
COMMENTS:

One field duplicate and parent sample pair (DUP01_071818 and MW17_071818) was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±1X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 35%. The following analytes did not meet the precision criteria:

- DUP01_071818 and MW17_071818: PCE, vinyl chloride, 1,1-dichloroethene, 1,1-dichloroethane, perfluorobutanoic acid, and sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]-octane sulfonate (6:2)

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. The data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.
Signed:



Emily Strake, CEP
Senior Project Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

2700 Kelly Road, Suite 200 Warrington, PA 18976 T: 215.491.6500 F: 215.491.6501
Mailing Address: P.O. Box 1569 Doylestown, PA 18901

To: Kim Del col, Langan Project Engineer

From: Emily Strake, Langan Senior Project Chemist

Date: 22 September 2018

Re: Data Usability Summary Report
For 335 Bond Street
Brooklyn, New York
March 2017 Soil Sampling
Langan Project No.: 170362501

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of two soil samples collected on March 11 and 12, 2017 by Langan Engineering and Environmental Services ("Langan") at 335 Bond Street located in Brooklyn, New York ("the Site"). The samples were analyzed by York Analytical Laboratories (NYSDOH ELAP registration # 10854) for volatile organic compounds (VOCs) and percent solids (%S) by the methods listed below.

- VOCs by SW-846 Method 8260C
- %S by SM 2540G

Table 1, below, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

TABLE 1: SAMPLE SUMMARY

SDG	*Lab Sample ID*	*Client Sample ID*	*Sample Date*	*Analytical Parameters*
17C0484	17C0484-01	SS02_031117	3/11/2017	VOCs, %S
17C0484	17C0484-02	SS01_031217	3/12/2017	VOCs, %S

VALIDATION OVERVIEW

This data validation was performed in accordance with USEPA Region II Standard Operating Procedure (SOP) #HW-34A, "Trace Volatile Data Validation" (September 2016, rev 1), and the USEPA Contract Laboratory Program "National Functional Guidelines for Superfund Organic Methods Data Review" (USEPA-540-R-2017-002, January 2017).

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the

originator. Items subject to review in this memorandum include holding times, sample preservation, instrument tuning, instrument calibration, laboratory blanks, laboratory control samples, system monitoring compounds, internal standard area counts, matrix spike/spike duplicate recoveries, target compound identification and quantification, chromatograms, and overall system performance

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.
- **U –** The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- **NJ –** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are not sufficiently valid and technically supportable to be used for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified.

TABLE 2: VALIDATOR-APPLIED QUALIFICATION

Client Sample ID	*Analysis*	*CAS #*	*Analyte*	*Validator Qualifier*
SS01_031217	SW8260B	123-91-1	1,4-Dioxane (P-Dioxane)	UJ
SS02_031117	SW8260B	103-65-1	N-Propylbenzene	UJ
SS02_031117	SW8260B	104-51-8	N-Butylbenzene	UJ
SS02_031117	SW8260B	106-46-7	1,4-Dichlorobenzene	UJ

Client Sample ID	*Analysis*	*CAS #*	*Analyte*	*Validator Qualifier*
SS02_031117	SW8260B	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	UJ
SS02_031117	SW8260B	120-82-1	1,2,4-Trichlorobenzene	UJ
SS02_031117	SW8260B	123-91-1	1,4-Dioxane (P-Dioxane)	UJ
SS02_031117	SW8260B	135-98-8	Sec-Butylbenzene	UJ
SS02_031117	SW8260B	541-73-1	1,3-Dichlorobenzene	UJ
SS02_031117	SW8260B	75-25-2	Bromoform	UJ
SS02_031117	SW8260B	79-34-5	1,1,2,2-Tetrachloroethane	UJ
SS02_031117	SW8260B	87-61-6	1,2,3-Trichlorobenzene	UJ
SS02_031117	SW8260B	87-68-3	Hexachlorobutadiene	UJ
SS02_031117	SW8260B	95-50-1	1,2-Dichlorobenzene	UJ
SS02_031117	SW8260B	95-63-6	1,2,4-Trimethylbenzene	UJ
SS02_031117	SW8260B	96-12-8	1,2-Dibromo-3-Chloropropane	UJ
SS02_031117	SW8260B	96-18-4	1,2,3-Trichloropropane	UJ
SS02_031117	SW8260B	98-06-6	T-Butylbenzene	UJ
SS02_031117	SW8260B	98-82-8	Isopropylbenzene (Cumene)	UJ
SS02_031117	SW8260B	CYMP	P-Cymene (P-Isopropyltoluene)	UJ

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The minor deficiencies are identified below.

VOCs by SW-846 Method 8260C:

Sample SS02_031117 exhibited an internal standard area count less than the lower control limit for 1,2-dichlorobenzene-d4 at 45%. The associated analytes quantitated by 1,2-dichlorobenzene-d4 are qualified as estimated.

The continuing calibration analyzed on 3/21/17 at 7:43 displayed a %D greater than the control limit for 1,4-dioxane. The associated sample result is qualified as "UJ".

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. No other deficiencies are identified.

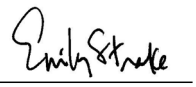
VOCs by SW-846 Method 8260C:

Matrix spike sample SS01_031217 displayed multiple recoveries less than the lower control limit. In addition, the MS/MSD RPD for 1,1,1,2-tetrachloroethane, 1,1,2-trichloro-1,2,2-trifluoroethane, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2-dibromo-3-chloropropane, 1,2-dibromomethane, 1,2-dichlorobenzene, 1,2-dichloropropane, 1,3,5-trimethylbenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, bromodichloromethane, bromoform, carbon disulfide, chlorobenzene, cis-1,3-dichloropropene, cyclohexane, dibromochloromethane, ethylbenzene, isopropylbenzene, methylcyclohexane, n-propylbenzene, o-xylenes, m,p-xylenes, p-isopropyltoluene, sec-butylbenzene, styrene, trans-1,2-dichloroethene, and trans-1,3-dichloropropylene were greater than the control limit. Organic data is not qualified on the basis of MS/SD recoveries or RPDs alone.

COMMENTS:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All sample holding times were met and the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.
Signed:



Emily Strake, CEP
Senior Project Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Allyson Kritzer, Langan Senior Staff Geologist

From: Joe Conboy, Langan Senior Staff Chemist

Date: October 3, 2022

Re: Data Usability Summary Report
For 335 Bond Street
September 2022 Soil Vapor and Ambient Air Samples
Langan Project No.: 170362501

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of air samples collected in September 2022 by Langan Engineering and Environmental Services at the 335 Bond Street site. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration # 10854 and 12058) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator.

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. All SDGs underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

R – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by USEPA Method TO-15:

22I1233

The LCS for batch BI21476 exhibited a percent recovery below the LCL for 1,2,4-trichlorobenzene (60%). The associated results in samples OS-AA01, OS-SV01, and OS-SV02 are qualified as UJ because of potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. No other deficiencies were identified.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

Joe Conboy
Senior Staff Chemist

APPENDIX H

Laboratory Analytical Data Reports

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Del Col

Report Date: 03/17/2017
Client Project ID: 170362501
York Project (SDG) No.: 17C0481

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: 03/17/2017
Client Project ID: 170362501
York Project (SDG) No.: 17C0481

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Del Col

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 13, 2017 and listed below. The project was identified as your project: **170362501**.

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 Notes 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 attachment to 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
17C0481-01	SS01_031117	Soil Vapor	03/11/2017	03/13/2017
17C0481-02	SS02_031117	Soil Vapor	03/11/2017	03/13/2017
17C0481-03	IA01_031117	Indoor Ambient Air	03/11/2017	03/13/2017
17C0481-04	IA02_031117	Indoor Ambient Air	03/11/2017	03/13/2017
17C0481-05	SVDUP01_031117	Soil Vapor	03/11/2017	03/13/2017

General Notes for York Project (SDG) No.: 17C0481

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. 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: 03/17/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SS01_031117 **York Sample ID:** 17C0481-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Soil Vapor	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	13	13	18.95	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 21:31	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	10	10	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	15	15	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	10	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.7	7.7	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.5	7.5	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
95-63-6	**1,2,4-Trimethylbenzene**	**11**		ug/m³	9.3	9.3	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.7	7.7	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.8	8.8	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.3	9.3	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
106-99-0	1,3-Butadiene	ND		ug/m³	13	13	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	8.8	8.8	18.95	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 21:31	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
123-91-1	1,4-Dioxane	ND		ug/m³	14	14	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
78-93-3	**2-Butanone**	**7.3**		ug/m³	5.6	5.6	18.95	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 21:31	RB
591-78-6	* 2-Hexanone	ND		ug/m³	16	16	18.95	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 21:31	RB

Sample Information

Client Sample ID: SS01_031117 **York Sample ID:** 17C0481-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Soil Vapor	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	30	30	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.8	7.8	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
67-64-1	**Acetone**	**120**		ug/m³	9.0	9.0	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
107-13-1	Acrylonitrile	ND		ug/m³	4.1	4.1	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
71-43-2	**Benzene**	**8.5**		ug/m³	6.1	6.1	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
100-44-7	Benzyl chloride	ND		ug/m³	9.8	9.8	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
75-25-2	Bromoform	ND		ug/m³	20	20	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
74-83-9	Bromomethane	ND		ug/m³	7.4	7.4	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
75-15-0	**Carbon disulfide**	**6.5**		ug/m³	5.9	5.9	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	3.0	3.0	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
108-90-7	Chlorobenzene	ND		ug/m³	8.7	8.7	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
75-00-3	Chloroethane	ND		ug/m³	5.0	5.0	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
67-66-3	Chloroform	ND		ug/m³	9.3	9.3	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
74-87-3	Chloromethane	ND		ug/m³	3.9	3.9	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.5	7.5	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.6	8.6	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
110-82-7	Cyclohexane	ND		ug/m³	6.5	6.5	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.4	9.4	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
141-78-6	* Ethyl acetate	ND		ug/m³	14	14	18.95	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 21:31	RB
100-41-4	Ethyl Benzene	ND		ug/m³	8.2	8.2	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	20	18.95	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 21:31	RB

Sample Information

Client Sample ID: SS01_031117 **York Sample ID:** 17C0481-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Soil Vapor	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	**Isopropanol**	**250**		ug/m³	9.3	9.3	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
80-62-6	Methyl Methacrylate	ND		ug/m³	7.8	7.8	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.8	6.8	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-09-2	**Methylene chloride**	**18**		ug/m³	13	13	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-82-5	n-Heptane	ND		ug/m³	7.8	7.8	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-54-3	n-Hexane	ND		ug/m³	6.7	6.7	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-47-6	o-Xylene	ND		ug/m³	8.2	8.2	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
179601-23-1	**p- & m- Xylenes**	**22**		ug/m³	16	16	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
622-96-8	* p-Ethyltoluene	ND		ug/m³	9.3	9.3	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	3.3	3.3	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:			
100-42-5	Styrene	ND		ug/m³	8.1	8.1	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
127-18-4	**Tetrachloroethylene**	**280**		ug/m³	3.2	3.2	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
109-99-9	* Tetrahydrofuran	ND		ug/m³	11	11	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:			
108-88-3	**Toluene**	**28**		ug/m³	7.1	7.1	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.5	7.5	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.6	8.6	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-01-6	Trichloroethylene	ND		ug/m³	2.5	2.5	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	11	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-05-4	Vinyl acetate	ND		ug/m³	6.7	6.7	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
593-60-2	Vinyl bromide	ND		ug/m³	8.3	8.3	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-01-4	Vinyl Chloride	ND		ug/m³	4.8	4.8	18.95	EPA TO-15	03/13/2017 09:05	03/13/2017 21:31	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.5 %*	*72-118*

Sample Information

Client Sample ID: SS02_031117 **York Sample ID:** 17C0481-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Soil Vapor	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	13	13	19.53	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 22:18	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	15	15	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.9	7.9	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.7	7.7	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
95-63-6	**1,2,4-Trimethylbenzene**	**12**		ug/m³	9.6	9.6	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.9	7.9	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.0	9.0	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.6	9.6	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
106-99-0	1,3-Butadiene	ND		ug/m³	13	13	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	9.0	9.0	19.53	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 22:18	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
123-91-1	1,4-Dioxane	ND		ug/m³	14	14	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
78-93-3	**2-Butanone**	**51**		ug/m³	5.8	5.8	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB
591-78-6	* 2-Hexanone	ND		ug/m³	16	16	19.53	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 22:18	RB
107-05-1	3-Chloropropene	ND		ug/m³	31	31	19.53	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 22:18	RB

Sample Information

Client Sample ID: SS02_031117 **York Sample ID:** 17C0481-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Soil Vapor	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.0	8.0	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-64-1	**Acetone**	**790**		ug/m³	9.3	9.3	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
107-13-1	Acrylonitrile	ND		ug/m³	4.2	4.2	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
71-43-2	Benzene	ND		ug/m³	6.2	6.2	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
100-44-7	Benzyl chloride	ND		ug/m³	10	10	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-25-2	Bromoform	ND		ug/m³	20	20	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
74-83-9	Bromomethane	ND		ug/m³	7.6	7.6	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-15-0	**Carbon disulfide**	**6.1**		ug/m³	6.1	6.1	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
56-23-5	Carbon tetrachloride	ND		ug/m³	3.1	3.1	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-90-7	Chlorobenzene	ND		ug/m³	9.0	9.0	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-00-3	Chloroethane	ND		ug/m³	5.2	5.2	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-66-3	Chloroform	ND		ug/m³	9.5	9.5	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
74-87-3	Chloromethane	ND		ug/m³	4.0	4.0	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.7	7.7	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.9	8.9	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-82-7	Cyclohexane	ND		ug/m³	6.7	6.7	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.7	9.7	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
141-78-6	* Ethyl acetate	ND		ug/m³	14	14	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	8.5	8.5	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
87-68-3	Hexachlorobutadiene	ND		ug/m³	21	21	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-63-0	**Isopropanol**	**660**		ug/m³	9.6	9.6	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: SS02_031117 **York Sample ID:** 17C0481-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Soil Vapor	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	8.0	8.0	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.0	7.0	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-09-2	Methylene chloride	ND		ug/m³	14	14	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-82-5	n-Heptane	ND		ug/m³	8.0	8.0	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-54-3	n-Hexane	ND		ug/m³	6.9	6.9	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-47-6	o-Xylene	ND		ug/m³	8.5	8.5	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
179601-23-1	p- & m- Xylenes	ND		ug/m³	17	17	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
622-96-8	*** p-Ethyltoluene**	**11**		ug/m³	9.6	9.6	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	3.4	3.4	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:			
100-42-5	Styrene	ND		ug/m³	8.3	8.3	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
127-18-4	**Tetrachloroethylene**	**100**		ug/m³	3.3	3.3	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
109-99-9	* Tetrahydrofuran	ND		ug/m³	12	12	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:			
108-88-3	**Toluene**	**9.6**		ug/m³	7.4	7.4	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.7	7.7	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.9	8.9	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-01-6	Trichloroethylene	ND		ug/m³	2.6	2.6	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	11	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-05-4	Vinyl acetate	ND		ug/m³	6.9	6.9	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
593-60-2	Vinyl bromide	ND		ug/m³	8.5	8.5	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-01-4	Vinyl Chloride	ND		ug/m³	5.0	5.0	19.53	EPA TO-15	03/13/2017 09:05	03/13/2017 22:18	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.8 %*	*72-118*

Sample Information

Client Sample ID: IA01_031117 **York Sample ID:** 17C0481-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Indoor Ambient Air	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.73	0.73	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 18:44	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.58	0.58	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.73	0.73	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.82	0.82	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.58	0.58	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.43	0.43	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.42	0.42	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.79	0.79	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
95-63-6	**1,2,4-Trimethylbenzene**	**3.7**		ug/m³	0.52	0.52	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.82	0.82	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.64	0.64	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.43	0.43	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.49	0.49	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.75	0.75	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
108-67-8	**1,3,5-Trimethylbenzene**	**1.9**		ug/m³	0.52	0.52	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
106-99-0	1,3-Butadiene	ND		ug/m³	0.71	0.71	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.64	0.64	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.49	0.49	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 18:44	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.64	0.64	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
123-91-1	1,4-Dioxane	ND		ug/m³	0.77	0.77	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
78-93-3	**2-Butanone**	**1.5**		ug/m³	0.31	0.31	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB
591-78-6	* 2-Hexanone	ND		ug/m³	0.87	0.87	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 18:44	RB
107-05-1	3-Chloropropene	ND		ug/m³	1.7	1.7	1.0669	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 18:44	RB

Sample Information

Client Sample ID: IA01_031117 **York Sample ID:** 17C0481-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Indoor Ambient Air	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**1.7**		ug/m³	0.44	0.44	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-64-1	**Acetone**	**17**		ug/m³	0.51	0.51	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
107-13-1	Acrylonitrile	ND		ug/m³	0.23	0.23	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
71-43-2	**Benzene**	**4.3**		ug/m³	0.34	0.34	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
100-44-7	Benzyl chloride	ND		ug/m³	0.55	0.55	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-27-4	Bromodichloromethane	ND		ug/m³	0.71	0.71	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
74-83-9	Bromomethane	ND		ug/m³	0.41	0.41	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-15-0	**Carbon disulfide**	**2.3**		ug/m³	0.33	0.33	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.17	0.17	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-90-7	Chlorobenzene	ND		ug/m³	0.49	0.49	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-00-3	Chloroethane	ND		ug/m³	0.28	0.28	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-66-3	Chloroform	ND		ug/m³	0.52	0.52	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
74-87-3	**Chloromethane**	**1.8**		ug/m³	0.22	0.22	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.42	0.42	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.48	0.48	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-82-7	**Cyclohexane**	**1.3**		ug/m³	0.37	0.37	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
124-48-1	Dibromochloromethane	ND		ug/m³	0.91	0.91	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-71-8	**Dichlorodifluoromethane**	**3.3**		ug/m³	0.53	0.53	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
141-78-6	* Ethyl acetate	ND		ug/m³	0.77	0.77	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:			
100-41-4	**Ethyl Benzene**	**2.3**		ug/m³	0.46	0.46	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-63-0	**Isopropanol**	**970**	TO-IPA, E	ug/m³	0.52	0.52	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: IA01_031117 **York Sample ID:** 17C0481-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Indoor Ambient Air	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.44	0.44	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.38	0.38	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-09-2	**Methylene chloride**	**5.8**		ug/m³	0.74	0.74	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-82-5	**n-Heptane**	**2.2**		ug/m³	0.44	0.44	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-54-3	**n-Hexane**	**3.0**		ug/m³	0.38	0.38	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-47-6	**o-Xylene**	**2.7**		ug/m³	0.46	0.46	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
179601-23-1	**p- & m- Xylenes**	**7.6**		ug/m³	0.93	0.93	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
622-96-8	*** p-Ethyltoluene**	**3.2**		ug/m³	0.52	0.52	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.18	0.18	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:			
100-42-5	Styrene	ND		ug/m³	0.45	0.45	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
127-18-4	**Tetrachloroethylene**	**3.5**		ug/m³	0.18	0.18	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.63	0.63	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:			
108-88-3	**Toluene**	**9.0**		ug/m³	0.40	0.40	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.42	0.42	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.48	0.48	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-01-6	Trichloroethylene	ND		ug/m³	0.14	0.14	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3.2**		ug/m³	0.60	0.60	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-05-4	Vinyl acetate	ND		ug/m³	0.38	0.38	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
593-60-2	Vinyl bromide	ND		ug/m³	0.47	0.47	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-01-4	Vinyl Chloride	ND		ug/m³	0.27	0.27	1.0669	EPA TO-15	03/13/2017 09:05	03/13/2017 18:44	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*72-118*

Sample Information

Client Sample ID: IA02_031117 **York Sample ID:** 17C0481-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Indoor Ambient Air	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.79	0.79	1.152	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 20:43	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.63	0.63	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.79	0.79	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.88	0.88	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.63	0.63	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.47	0.47	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.46	0.46	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.85	0.85	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
95-63-6	**1,2,4-Trimethylbenzene**	**3.2**		ug/m³	0.57	0.57	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.89	0.89	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.69	0.69	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.47	0.47	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.53	0.53	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.81	0.81	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
108-67-8	**1,3,5-Trimethylbenzene**	**0.96**		ug/m³	0.57	0.57	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
106-99-0	1,3-Butadiene	ND		ug/m³	0.76	0.76	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.69	0.69	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.53	0.53	1.152	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 20:43	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.69	0.69	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
123-91-1	1,4-Dioxane	ND		ug/m³	0.83	0.83	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
78-93-3	**2-Butanone**	**1.3**		ug/m³	0.34	0.34	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
591-78-6	* 2-Hexanone	ND		ug/m³	0.94	0.94	1.152	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 20:43	RB
107-05-1	3-Chloropropene	ND		ug/m³	1.8	1.8	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB

Sample Information

Client Sample ID: IA02_031117 **York Sample ID:** 17C0481-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Indoor Ambient Air	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.47	0.47	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
67-64-1	**Acetone**	**21**		ug/m³	0.55	0.55	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
107-13-1	Acrylonitrile	ND		ug/m³	0.25	0.25	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
71-43-2	**Benzene**	**4.3**		ug/m³	0.37	0.37	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
100-44-7	Benzyl chloride	ND		ug/m³	0.60	0.60	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
75-27-4	Bromodichloromethane	ND		ug/m³	0.77	0.77	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
75-25-2	Bromoform	ND		ug/m³	1.2	1.2	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
74-83-9	Bromomethane	ND		ug/m³	0.45	0.45	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
75-15-0	Carbon disulfide	ND		ug/m³	0.36	0.36	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
56-23-5	**Carbon tetrachloride**	**0.43**		ug/m³	0.18	0.18	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
108-90-7	Chlorobenzene	ND		ug/m³	0.53	0.53	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
75-00-3	Chloroethane	ND		ug/m³	0.30	0.30	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
67-66-3	Chloroform	ND		ug/m³	0.56	0.56	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.24	0.24	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.46	0.46	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.52	0.52	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
110-82-7	**Cyclohexane**	**1.0**		ug/m³	0.40	0.40	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
124-48-1	Dibromochloromethane	ND		ug/m³	0.98	0.98	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.57	0.57	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
141-78-6	* Ethyl acetate	ND		ug/m³	0.83	0.83	1.152	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 20:43	RB
100-41-4	**Ethyl Benzene**	**2.1**		ug/m³	0.50	0.50	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.2	1.2	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB
67-63-0	**Isopropanol**	**1100**	TO-IPA, E	ug/m³	0.57	0.57	1.152	EPA TO-15 Certifications:	03/13/2017 09:05 NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 20:43	RB

Sample Information

Client Sample ID: IA02_031117 **York Sample ID:** 17C0481-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Indoor Ambient Air	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.47	0.47	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.42	0.42	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-09-2	**Methylene chloride**	**2.4**		ug/m³	0.80	0.80	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
142-82-5	**n-Heptane**	**2.3**		ug/m³	0.47	0.47	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-54-3	**n-Hexane**	**3.5**		ug/m³	0.41	0.41	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
95-47-6	**o-Xylene**	**2.9**		ug/m³	0.50	0.50	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
179601-23-1	**p- & m- Xylenes**	**9.0**		ug/m³	1.0	1.0	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
622-96-8	*** p-Ethyltoluene**	**2.8**		ug/m³	0.57	0.57	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.20	0.20	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:			
100-42-5	Styrene	ND		ug/m³	0.49	0.49	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
127-18-4	Tetrachloroethylene	ND		ug/m³	0.20	0.20	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.68	0.68	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:			
108-88-3	**Toluene**	**13**		ug/m³	0.43	0.43	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.46	0.46	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.52	0.52	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
79-01-6	Trichloroethylene	ND		ug/m³	0.15	0.15	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.65	0.65	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-05-4	Vinyl acetate	ND		ug/m³	0.41	0.41	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
593-60-2	Vinyl bromide	ND		ug/m³	0.50	0.50	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-01-4	Vinyl Chloride	ND		ug/m³	0.29	0.29	1.152	EPA TO-15	03/13/2017 09:05	03/13/2017 20:43	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.7 %*	*72-118*

Sample Information

Client Sample ID: SVDUP01_031117 **York Sample ID:** 17C0481-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Soil Vapor	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	15	15	21.91	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 23:06	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	12	12	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	15	15	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	17	17	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	12	12	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.9	8.9	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.7	8.7	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	16	16	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	11	11	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	17	17	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	13	13	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.9	8.9	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	10	10	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	15	15	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	11	11	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
106-99-0	1,3-Butadiene	ND		ug/m³	15	15	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	13	13	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	10	10	21.91	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 23:06	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	13	13	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
123-91-1	1,4-Dioxane	ND		ug/m³	16	16	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
78-93-3	2-Butanone	ND		ug/m³	6.5	6.5	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
591-78-6	* 2-Hexanone	ND		ug/m³	18	18	21.91	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 23:06	RB
107-05-1	3-Chloropropene	ND		ug/m³	34	34	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB

Sample Information

Client Sample ID: SVDUP01_031117 **York Sample ID:** 17C0481-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Soil Vapor	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	9.0	9.0	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-64-1	**Acetone**	**170**		ug/m³	10	10	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
107-13-1	Acrylonitrile	ND		ug/m³	4.8	4.8	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
71-43-2	Benzene	ND		ug/m³	7.0	7.0	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
100-44-7	Benzyl chloride	ND		ug/m³	11	11	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-27-4	Bromodichloromethane	ND		ug/m³	15	15	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-25-2	Bromoform	ND		ug/m³	23	23	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
74-83-9	Bromomethane	ND		ug/m³	8.5	8.5	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-15-0	Carbon disulfide	ND		ug/m³	6.8	6.8	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
56-23-5	Carbon tetrachloride	ND		ug/m³	3.4	3.4	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
108-90-7	Chlorobenzene	ND		ug/m³	10	10	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-00-3	Chloroethane	ND		ug/m³	5.8	5.8	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-66-3	Chloroform	ND		ug/m³	11	11	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
74-87-3	Chloromethane	ND		ug/m³	4.5	4.5	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.7	8.7	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.9	9.9	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
110-82-7	**Cyclohexane**	**8.3**		ug/m³	7.5	7.5	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
124-48-1	Dibromochloromethane	ND		ug/m³	19	19	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	11	11	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
141-78-6	* Ethyl acetate	ND		ug/m³	16	16	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	9.5	9.5	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
87-68-3	Hexachlorobutadiene	ND		ug/m³	23	23	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		
67-63-0	**Isopropanol**	**160**		ug/m³	11	11	21.91	EPA TO-15	03/13/2017 09:05	03/13/2017 23:06	RB
								Certifications:	NELAC-NY10854,NJDEP,NELAC-NY10854-Que		

Sample Information

Client Sample ID: SVDUP01_031117 **York Sample ID:** 17C0481-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0481	170362501	Soil Vapor	March 11, 2017 3:00 pm	03/13/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	9.0	9.0	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.9	7.9	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
75-09-2	Methylene chloride	ND		ug/m³	15	15	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
142-82-5	n-Heptane	ND		ug/m³	9.0	9.0	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
110-54-3	n-Hexane	ND		ug/m³	7.7	7.7	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
95-47-6	o-Xylene	ND		ug/m³	9.5	9.5	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	19	19	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
622-96-8	* p-Ethyltoluene	ND		ug/m³	11	11	21.91	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 23:06	RB
115-07-1	* Propylene	ND		ug/m³	3.8	3.8	21.91	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 23:06	RB
100-42-5	Styrene	ND		ug/m³	9.3	9.3	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
127-18-4	**Tetrachloroethylene**	**71**		ug/m³	3.7	3.7	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
109-99-9	* Tetrahydrofuran	ND		ug/m³	13	13	21.91	EPA TO-15 Certifications:	03/13/2017 09:05	03/13/2017 23:06	RB
108-88-3	Toluene	ND		ug/m³	8.3	8.3	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.7	8.7	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.9	9.9	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
79-01-6	Trichloroethylene	ND		ug/m³	2.9	2.9	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	12	12	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
108-05-4	Vinyl acetate	ND		ug/m³	7.7	7.7	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
593-60-2	Vinyl bromide	ND		ug/m³	9.6	9.6	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB
75-01-4	Vinyl Chloride	ND		ug/m³	5.6	5.6	21.91	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	03/13/2017 09:05	03/13/2017 23:06	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.6 %*	*72-118*

Analytical Batch Summary

Batch ID: BC70618 **Preparation Method:** EPA TO15 PREP **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
17C0481-01	SS01_031117	03/13/17
17C0481-02	SS02_031117	03/13/17
17C0481-03	IA01_031117	03/13/17
17C0481-04	IA02_031117	03/13/17
17C0481-05	SVDUP01_031117	03/13/17
BC70618-BLK1	Blank	03/13/17
BC70618-BS1	LCS	03/13/17
BC70618-DUP1	Duplicate	03/13/17

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70618 - EPA TO15 PREP											
Blank (BC70618-BLK1)											Prepared & Analyzed: 03/13/2017
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

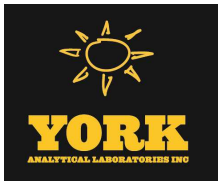
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70618 - EPA TO15 PREP											
Blank (BC70618-BLK1)									Prepared & Analyzed: 03/13/2017		
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								
Surrogate: p-Bromofluorobenzene	*9.37*		*ppbv*	*10.0*		*93.7*	*72-118*				
LCS (BC70618-BS1)									Prepared & Analyzed: 03/13/2017		
1,1,1,2-Tetrachloroethane	9.33		ppbv	10.0		93.3	70-130				
1,1,1-Trichloroethane	8.96		"	10.0		89.6	70-130				
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.47		"	10.0		94.7	70-130				
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethane	9.98		"	10.0		99.8	70-130				
1,1-Dichloroethylene	9.52		"	10.0		95.2	70-130				
1,2,4-Trichlorobenzene	8.71		"	10.0		87.1	70-130				
1,2,4-Trimethylbenzene	11.3		"	10.0		113	70-130				
1,2-Dibromoethane	10.0		"	10.0		100	70-130				
1,2-Dichlorobenzene	11.1		"	10.0		111	70-130				
1,2-Dichloroethane	8.97		"	10.0		89.7	70-130				
1,2-Dichloropropane	10.2		"	10.0		102	70-130				
1,2-Dichlorotetrafluoroethane	10.0		"	10.0		100	70-130				
1,3,5-Trimethylbenzene	10.9		"	10.0		109	70-130				
1,3-Butadiene	8.56		"	10.0		85.6	70-130				
1,3-Dichlorobenzene	11.1		"	10.0		111	70-130				
1,3-Dichloropropane	10.2		"	10.0		102	70-130				
1,4-Dichlorobenzene	11.1		"	10.0		111	70-130				
1,4-Dioxane	9.47		"	10.0		94.7	70-130				
2-Butanone	9.14		"	10.0		91.4	70-130				
2-Hexanone	11.4		"	10.0		114	70-130				
3-Chloropropene	9.55		"	10.0		95.5	70-130				
4-Methyl-2-pentanone	10.3		"	10.0		103	70-130				
Acetone	7.65		"	10.0		76.5	70-130				
Acrylonitrile	10.5		"	10.0		105	70-130				
Benzene	9.62		"	10.0		96.2	70-130				
Benzyl chloride	10.5		"	10.0		105	70-130				
Bromodichloromethane	9.79		"	10.0		97.9	70-130				
Bromoform	9.98		"	10.0		99.8	70-130				
Bromomethane	9.28		"	10.0		92.8	70-130				
Carbon disulfide	10.6		"	10.0		106	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70618 - EPA TO15 PREP											
LCS (BC70618-BS1)								Prepared & Analyzed: 03/13/2017			
Carbon tetrachloride	8.81		ppbv	10.0		88.1	70-130				
Chlorobenzene	9.32		"	10.0		93.2	70-130				
Chloroethane	9.18		"	10.0		91.8	70-130				
Chloroform	9.10		"	10.0		91.0	70-130				
Chloromethane	8.53		"	10.0		85.3	70-130				
cis-1,2-Dichloroethylene	9.59		"	10.0		95.9	70-130				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	70-130				
Cyclohexane	10.2		"	10.0		102	70-130				
Dibromochloromethane	10.1		"	10.0		101	70-130				
Dichlorodifluoromethane	10.9		"	10.0		109	70-130				
Ethyl acetate	9.84		"	10.0		98.4	70-130				
Ethyl Benzene	9.85		"	10.0		98.5	70-130				
Hexachlorobutadiene	12.6		"	10.0		126	70-130				
Isopropanol	9.62		"	10.0		96.2	70-130				
Methyl Methacrylate	10.4		"	10.0		104	70-130				
Methyl tert-butyl ether (MTBE)	9.20		"	10.0		92.0	70-130				
Methylene chloride	9.36		"	10.0		93.6	70-130				
n-Heptane	10.5		"	10.0		105	70-130				
n-Hexane	8.70		"	10.0		87.0	70-130				
o-Xylene	10.5		"	10.0		105	70-130				
p- & m- Xylenes	20.6		"	20.0		103	70-130				
p-Ethyltoluene	11.2		"	10.0		112	70-130				
Propylene	10.2		"	10.0		102	70-130				
Styrene	10.4		"	10.0		104	70-130				
Tetrachloroethylene	9.31		"	10.0		93.1	70-130				
Tetrahydrofuran	10.5		"	10.0		105	70-130				
Toluene	10.1		"	10.0		101	70-130				
trans-1,2-Dichloroethylene	9.89		"	10.0		98.9	70-130				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	70-130				
Trichloroethylene	9.28		"	10.0		92.8	70-130				
Trichlorofluoromethane (Freon 11)	10.2		"	10.0		102	70-130				
Vinyl acetate	9.96		"	10.0		99.6	70-130				
Vinyl bromide	9.40		"	10.0		94.0	70-130				
Vinyl Chloride	9.39		"	10.0		93.9	70-130				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*72-118*				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70618 - EPA TO15 PREP											
Duplicate (BC70618-DUP1)	*Source sample: 17C0481-03 (IA01_031117)								Prepared & Analyzed: 03/13/2017		
1,1,1,2-Tetrachloroethane	ND	0.73	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.58	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.73	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.82	"		ND					25	
1,1,2-Trichloroethane	ND	0.58	"		ND					25	
1,1-Dichloroethane	ND	0.43	"		ND					25	
1,1-Dichloroethylene	ND	0.42	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.79	"		ND					25	
1,2,4-Trimethylbenzene	3.8	0.52	"		3.7				1.40	25	
1,2-Dibromoethane	ND	0.82	"		ND					25	
1,2-Dichlorobenzene	ND	0.64	"		ND					25	
1,2-Dichloroethane	ND	0.43	"		ND					25	
1,2-Dichloropropane	ND	0.49	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.75	"		ND					25	
1,3,5-Trimethylbenzene	1.9	0.52	"		1.9				0.00	25	
1,3-Butadiene	ND	0.71	"		ND					25	
1,3-Dichlorobenzene	ND	0.64	"		ND					25	
1,3-Dichloropropane	ND	0.49	"		ND					25	
1,4-Dichlorobenzene	ND	0.64	"		ND					25	
1,4-Dioxane	ND	0.77	"		ND					25	
2-Butanone	1.6	0.31	"		1.5				4.00	25	
2-Hexanone	ND	0.87	"		ND					25	
3-Chloropropene	ND	1.7	"		ND					25	
4-Methyl-2-pentanone	1.7	0.44	"		1.7				0.00	25	
Acetone	20	0.51	"		17				12.4	25	
Acrylonitrile	ND	0.23	"		ND					25	
Benzene	4.5	0.34	"		4.3				4.69	25	
Benzyl chloride	ND	0.55	"		ND					25	
Bromodichloromethane	ND	0.71	"		ND					25	
Bromoform	ND	1.1	"		ND					25	
Bromomethane	ND	0.41	"		ND					25	
Carbon disulfide	2.4	0.33	"		2.3				4.20	25	
Carbon tetrachloride	ND	0.17	"		ND					25	
Chlorobenzene	ND	0.49	"		ND					25	
Chloroethane	ND	0.28	"		ND					25	
Chloroform	ND	0.52	"		ND					25	
Chloromethane	2.0	0.22	"		1.8				13.8	25	
cis-1,2-Dichloroethylene	ND	0.42	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.48	"		ND					25	
Cyclohexane	1.4	0.37	"		1.3				5.41	25	
Dibromochloromethane	ND	0.91	"		ND					25	
Dichlorodifluoromethane	3.4	0.53	"		3.3				4.72	25	
Ethyl acetate	ND	0.77	"		ND					25	
Ethyl Benzene	2.4	0.46	"		2.3				4.00	25	
Hexachlorobutadiene	ND	1.1	"		ND					25	
Isopropanol	1400	0.52	"		970				33.4	25	Non-dir.
Methyl Methacrylate	ND	0.44	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.38	"		ND					25	
Methylene chloride	6.1	0.74	"		5.8				5.61	25	
n-Heptane	2.4	0.44	"		2.2				5.71	25	
n-Hexane	3.2	0.38	"		3.0				4.82	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70618 - EPA TO15 PREP											
Duplicate (BC70618-DUP1)	*Source sample: 17C0481-03 (IA01_031117)								Prepared & Analyzed: 03/13/2017		
o-Xylene	2.9	0.46	ug/m³		2.7				6.67	25	
p- & m- Xylenes	8.1	0.93	"		7.6				5.88	25	
p-Ethyltoluene	3.3	0.52	"		3.2				3.23	25	
Propylene	ND	0.18	"		ND					25	
Styrene	ND	0.45	"		ND					25	
Tetrachloroethylene	3.8	0.18	"		3.5				7.84	25	
Tetrahydrofuran	ND	0.63	"		ND					25	
Toluene	9.5	0.40	"		9.0				5.22	25	
trans-1,2-Dichloroethylene	ND	0.42	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.48	"		ND					25	
Trichloroethylene	ND	0.14	"		ND					25	
Trichlorofluoromethane (Freon 11)	3.4	0.60	"		3.2				3.64	25	
Vinyl acetate	ND	0.38	"		ND					25	
Vinyl bromide	ND	0.47	"		ND					25	
Vinyl Chloride	ND	0.27	"		ND					25	
Surrogate: p-Bromofluorobenzene	*10.0*		*ppbv*	*10.0*		*100*	*72-118*				

Notes and Definitions

TO-IPA	The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution.
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.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record - AIR

YORK ANALYTICAL LABORATORIES INC

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 unless superseded by written contract.

York Project No. 17C0481

YOUR Information

Company: Langan
Address: 360 West 31st Street, New York, NY 10001
Phone No. 212-479-5400
Contact Person: Kim Del Col
E-Mail Address: KDELCOL@langan.com

Report To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

335 Bond Street

Purchase Order No.

170362501

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/Deliverables

- Summary Report X
- Summary w/ QA Summary ___
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B/CLP Pkg ___
- NJDEP Reduced ___

Electronic Deliverables:

- EDD (Specify Type) ___
- Standard Excel X
- Regulatory Comparison Excel ___

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)

Kim Nagotko
Name (printed)

Air Matrix Codes

AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

Additional Notes:

Please enter the following Field Data

Detection Limits Required

- ≤ 1 ug/m³ ___
- NYSDEC VI Limits ___ (VI =vapor instrusion)
- NJDEP low level ___
- Routine Survey ___
- Other ___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
SS01-031117	3/11/17	AS	-28.76	-3.70	23198	7216B	TO-15 VOCs	6 Liter canister ✓ Tedlar Bag ___
SS02-031117		AS	-29.58	-4.39	17346	3542	TO-15 VOCs	6 Liter canister ✓ Tedlar Bag ___
IA01-031117		AI	~~-30~~ -34.0	~~-22~~ -3.41	~~34~~ 48S	Y22	TO-15 VOCs	6 Liter canister ✓ Tedlar Bag ___
IA02-031117		AI	~~-30~~ -26.0	~~-33~~ -5.35	Y54	3350	TO-15 VOCs	6 Liter canister ✓ Tedlar Bag ___
~~AA01-031117~~		~~AO~~	~~-27.76~~	~~-0.02~~	~~18317~~	~~Y24~~	~~TO-15 VOCs~~ NOT COLLECTED	6 Liter canister ✓ Tedlar Bag ___
SVDUP01-031117	↓	AS	-28.52	-6.97	23201	7416	TO-15 VOCs	6 Liter canister ✓ Tedlar Bag ___
								6 Liter canister ___ Tedlar Bag ___
								6 Liter canister ___ Tedlar Bag ___
								6 Liter canister ___ Tedlar Bag ___
								6 Liter canister ___ Tedlar Bag ___

Comments

Kimberly DelCol/Langan 3/13/17 1200
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

R Thro 3/13 1205p
Samples Received By Date/Time

Samples Received in LAB by Date/Time 3/13/17 1:10pm

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Del Col

Report Date: 03/22/2017
Client Project ID: 170362501 335 Bond Street
York Project (SDG) No.: 17C0482

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: 03/22/2017
Client Project ID: 170362501 335 Bond Street
York Project (SDG) No.: 17C0482

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Del Col

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 13, 2017 and listed below. The project was identified as your project: **170362501 335 Bond Street**.

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 Notes 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 attachment to 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
17C0482-01	SB06_7.5-8	Soil	03/11/2017	03/13/2017
17C0482-02	SB06_8-9	Soil	03/11/2017	03/13/2017
17C0482-03	SB12_0-1	Soil	03/11/2017	03/13/2017
17C0482-04	SB12_4.5-5	Soil	03/11/2017	03/13/2017
17C0482-05	SB14_0.5-1.5	Soil	03/11/2017	03/13/2017
17C0482-06	SB14_5-6	Soil	03/11/2017	03/13/2017
17C0482-07	SB08_0-1	Soil	03/12/2017	03/13/2017
17C0482-08	SB08_5-6	Soil	03/12/2017	03/13/2017
17C0482-09	SB07_0-1	Soil	03/12/2017	03/13/2017
17C0482-10	SB07_5-6	Soil	03/12/2017	03/13/2017
17C0482-11	SB09_0-1	Soil	03/12/2017	03/13/2017
17C0482-12	SB09_7.5-8	Soil	03/12/2017	03/13/2017
17C0482-13	SB10_0-1	Soil	03/12/2017	03/13/2017
17C0482-14	SB10_5-6	Soil	03/12/2017	03/13/2017
17C0482-15	SB11_0-1	Soil	03/12/2017	03/13/2017
17C0482-16	SB11_4-5	Soil	03/12/2017	03/13/2017
17C0482-17	SBDUP01_031217	Soil	03/12/2017	03/13/2017

General Notes for York Project (SDG) No.: 17C0482

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. 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: 03/22/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB06_7.5-8 **York Sample ID:** 17C0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications:	03/20/2017 08:14 NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK

Sample Information

Client Sample ID: SB06_7.5-8 **York Sample ID:** 17C0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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**	**0.014**	ICV-E	mg/kg dry	0.0047	0.0094	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/20/2017 08:14	03/20/2017 18:25	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB06_7.5-8 **York Sample ID:** 17C0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854	03/20/2017 18:25	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854	03/20/2017 18:25	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
127-18-4	**Tetrachloroethylene**	**0.052**		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 18:25	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	03/20/2017 08:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 18:25	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.1 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.2 %*	*76-130*

Sample Information

Client Sample ID: SB06_7.5-8 **York Sample ID:** 17C0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:10 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 19:04	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 19:04	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 19:04	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH

Sample Information

Client Sample ID: SB06_7.5-8 **York Sample ID:** 17C0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:10 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**0.115**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.0791**	J	mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.350**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.388	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**1.05**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.973**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.789**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.426**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.926**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB06_7.5-8 **York Sample ID:** 17C0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:10 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0970	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	**Carbazole**	**0.102**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**1.13**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.209**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	**Dibenzofuran**	**0.0783**	J	mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**2.48**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**0.107**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.387**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB06_7.5-8 **York Sample ID:** 17C0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:10 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
85-01-8	**Phenanthrene**	**1.67**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
108-95-2	Phenol	ND		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH
129-00-0	**Pyrene**	**1.90**		mg/kg dry	0.0486	0.0970	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:04	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*43.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*42.4 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*40.4 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.6 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*67.5 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*39.7 %*	*24-116*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 17:11	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0384	0.0384	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA

Sample Information

Client Sample ID: SB06_7.5-8 **York Sample ID:** 17C0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:10 am	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
72-20-8	Endrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 17:11	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	0.192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:11	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56	03/17/2017 17:11	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:19	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:19	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:19	SA

Sample Information

Client Sample ID: SB06_7.5-8 **York Sample ID:** 17C0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:10 am	03/13/2017

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:19	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:19	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:19	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:19	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 13:19	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*36.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.5 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5480**		mg/kg dry	5.82	5.82	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV
7440-36-0	Antimony	ND		mg/kg dry	0.582	0.582	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV
7440-38-2	**Arsenic**	**2.81**		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV
7440-39-3	**Barium**	**55.3**		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV
7440-41-7	**Beryllium**	**0.315**		mg/kg dry	0.116	0.116	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.349	0.349	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV
7440-70-2	**Calcium**	**11900**		mg/kg dry	0.582	5.82	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV
7440-47-3	**Chromium**	**13.0**		mg/kg dry	0.582	0.582	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV
7440-48-4	**Cobalt**	**7.04**		mg/kg dry	0.582	0.582	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV
7440-50-8	**Copper**	**37.9**		mg/kg dry	0.582	0.582	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV
7439-89-6	**Iron**	**23900**		mg/kg dry	2.33	2.33	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV
7439-92-1	**Lead**	**116**		mg/kg dry	0.349	0.349	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV
7439-95-4	**Magnesium**	**3030**		mg/kg dry	5.82	5.82	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	KV

Sample Information

Client Sample ID: SB06_7.5-8 **York Sample ID:** 17C0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:10 am	03/13/2017

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**324**		mg/kg dry	0.582	0.582	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:26	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**16.9**		mg/kg dry	0.582	0.582	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:26	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1090**		mg/kg dry	5.82	5.82	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:26	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.48**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:26	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.582	0.582	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:26	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**438**		mg/kg dry	11.6	11.6	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:26	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:26	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**25.9**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:26	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**43.7**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:26	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.361**		mg/kg dry	0.0349	0.0349	1	EPA 7473	03/16/2017 06:25	03/16/2017 07:58	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.0**		%	0.100	0.100	1	SM 2540G	03/20/2017 11:44	03/20/2017 14:14	TAJ
								Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.407	0.582	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB06_7.5-8 **York Sample ID:** 17C0482-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:10 am	03/13/2017

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	13.0		mg/kg	0.250	0.500	1	Calculation Certifications:	03/21/2017 13:16	03/21/2017 15:43	PAM

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.582	0.582	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 08:22	03/21/2017 14:08	AD

Sample Information

Client Sample ID: SB06_8-9 **York Sample ID:** 17C0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:15 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 19:18	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 19:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 19:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 19:18	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 19:18	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 19:18	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 19:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 19:18	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 19:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 19:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 19:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 19:18	SS

Sample Information

Client Sample ID: SB06_8-9 **York Sample ID:** 17C0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:15 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.076	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 NELAC-NY10854,NJDEP	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
67-64-1	**Acetone**	**0.015**	CCV-E	mg/kg dry	0.0038	0.0076	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 NELAC-NY10854,NJDEP	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: SB06_8-9 **York Sample ID:** 17C0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:15 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 NELAC-NY10854,NJDEP	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 NELAC-NY10854,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 NELAC-NY10854,NJDEP	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 NELAC-NY10854,NJDEP	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 NELAC-NY10854,NJDEP	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 NELAC-NY10854,NJDEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 NELAC-NY10854,NJDEP	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 CTDOH,NELAC-NY10854,NJDEP	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45	03/17/2017 19:18 NELAC-NY10854,NJDEP	SS

Sample Information

Client Sample ID: SB06_8-9 **York Sample ID:** 17C0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:15 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 19:18	SS
127-18-4	**Tetrachloroethylene**	**0.0024**	J	mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 19:18	SS
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 19:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 19:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 19:18	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 19:18	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 19:18	SS
75-01-4	**Vinyl Chloride**	**0.0021**	J	mg/kg dry	0.0019	0.0038	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 19:18	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 19:18	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.4 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 19:36	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 19:36	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 19:36	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH

Sample Information

Client Sample ID: SB06_8-9 **York Sample ID:** 17C0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:15 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB06_8-9 **York Sample ID:** 17C0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:15 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
62-53-3	Aniline	ND		mg/kg dry	0.187	0.375	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.375	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,PADEP	03/21/2017 19:36	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH

Sample Information

Client Sample ID: SB06_8-9 **York Sample ID:** 17C0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:15 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
108-95-2	Phenol	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0469	0.0935	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:36	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*50.3 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*49.6 %*	*23-114*

Sample Information

Client Sample ID: SB06_8-9 **York Sample ID:** 17C0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:15 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*47.6 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.6 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*89.1 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*51.4 %*			*24-116*						

Pesticides, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 17:26	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0370	0.0370	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
72-20-8	Endrin	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 17:26	SA

Sample Information

Client Sample ID: SB06_8-9 **York Sample ID:** 17C0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:15 am	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.185	0.185	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:26	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00185	0.00185	5	EPA 8081B Certifications:	03/17/2017 08:56	03/17/2017 17:26	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:43	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:43	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:43	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:43	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:43	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:43	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 13:43	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 13:43	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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

Sample Information

Client Sample ID: SB06_8-9 **York Sample ID:** 17C0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:15 am	03/13/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5900**		mg/kg dry	5.61	5.61	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.561	0.561	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.98**		mg/kg dry	1.12	1.12	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**46.5**		mg/kg dry	1.12	1.12	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.345**		mg/kg dry	0.112	0.112	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.336	0.336	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1650**		mg/kg dry	0.561	5.61	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**14.3**		mg/kg dry	0.561	0.561	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.74**		mg/kg dry	0.561	0.561	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**16.5**		mg/kg dry	0.561	0.561	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12000**		mg/kg dry	2.24	2.24	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.97**		mg/kg dry	0.336	0.336	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3100**		mg/kg dry	5.61	5.61	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**203**		mg/kg dry	0.561	0.561	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**24.2**		mg/kg dry	0.561	0.561	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1020**		mg/kg dry	5.61	5.61	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.561	0.561	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**251**		mg/kg dry	11.2	11.2	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.2**		mg/kg dry	1.12	1.12	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB06_8-9 **York Sample ID:** 17C0482-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 10:15 am	03/13/2017

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**27.9**		mg/kg dry	1.12	1.12	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:31	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	0.0336	1	EPA 7473	03/16/2017 06:25	03/16/2017 09:26	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.2**		%	0.100	0.100	1	SM 2540G	03/20/2017 13:09	03/20/2017 14:59	TAJ
								Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.392	0.561	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.3**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.561	0.561	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_0-1 **York Sample ID:** 17C0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:35 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 18:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 18:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 18:47	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 18:47	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 18:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 18:47	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 18:47	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 18:47	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 07:45	03/17/2017 18:47	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 07:45	03/17/2017 18:47	SS

Sample Information

Client Sample ID: SB12_0-1 **York Sample ID:** 17C0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:35 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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**	**0.026**	CCV-E	mg/kg dry	0.0055	0.011	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: NELAC-NY10854,NJDEP,PADEP			
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	03/17/2017 07:45	03/17/2017 18:47	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SB12_0-1 **York Sample ID:** 17C0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:35 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 NELAC-NY10854,NJDEP	03/17/2017 18:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 18:47	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 NELAC-NY10854,NJDEP	03/17/2017 18:47	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 18:47	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 18:47	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 18:47	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854	03/17/2017 18:47	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854	03/17/2017 18:47	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 18:47	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 18:47	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 18:47	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 NELAC-NY10854,NJDEP	03/17/2017 18:47	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 18:47	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 18:47	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 18:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 18:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 18:47	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 18:47	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 18:47	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 18:47	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	03/17/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 18:47	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*118 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*76-130*

Sample Information

Client Sample ID: SB12_0-1 **York Sample ID:** 17C0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:35 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 18:38	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 18:38	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 18:38	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR

Sample Information

Client Sample ID: SB12_0-1 **York Sample ID:** 17C0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:35 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
83-32-9	**Acenaphthene**	**0.296**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
208-96-8	**Acenaphthylene**	**0.119**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
62-53-3	Aniline	ND		mg/kg dry	0.196	0.391	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
120-12-7	**Anthracene**	**1.03**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.391	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,PADEP	03/21/2017 18:38	SR
56-55-3	**Benzo(a)anthracene**	**2.58**		mg/kg dry	0.245	0.488	10	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 10:34	SR
50-32-8	**Benzo(a)pyrene**	**2.62**		mg/kg dry	0.245	0.488	10	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 10:34	SR
205-99-2	**Benzo(b)fluoranthene**	**1.69**		mg/kg dry	0.245	0.488	10	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 10:34	SR
191-24-2	**Benzo(g,h,i)perylene**	**1.81**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
207-08-9	**Benzo(k)fluoranthene**	**2.38**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
65-85-0	Benzoic acid	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR

Sample Information

Client Sample ID: SB12_0-1 **York Sample ID:** 17C0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:35 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.14**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
86-74-8	**Carbazole**	**0.483**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
218-01-9	**Chrysene**	**2.74**		mg/kg dry	0.245	0.488	10	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 10:34	SR
53-70-3	**Dibenzo(a,h)anthracene**	**0.835**	CCV-E	mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
132-64-9	**Dibenzofuran**	**0.136**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
84-74-2	**Di-n-butyl phthalate**	**0.0640**	J	mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
117-84-0	**Di-n-octyl phthalate**	**0.237**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
206-44-0	**Fluoranthene**	**8.99**		mg/kg dry	0.245	0.488	10	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 10:34	SR
86-73-7	**Fluorene**	**0.173**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.85**	CCV-E	mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
78-59-1	Isophorone	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
91-20-3	Naphthalene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR

Sample Information

Client Sample ID: SB12_0-1 **York Sample ID:** 17C0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:35 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
85-01-8	**Phenanthrene**	**4.72**		mg/kg dry	0.245	0.488	10	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 10:34	SR
108-95-2	Phenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 18:38	SR
129-00-0	**Pyrene**	**6.26**		mg/kg dry	0.245	0.488	10	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 10:34	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*29.6 %*		*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*31.5 %*		*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*40.1 %*		*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*40.2 %*		*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*46.9 %*		*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*20.8 %*	S-08	*24-116*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 17:41	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0386	0.0386	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA

Sample Information

Client Sample ID: SB12_0-1 **York Sample ID:** 17C0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:35 pm	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
72-20-8	Endrin	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 17:41	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.193	0.193	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:41	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00193	0.00193	5	EPA 8081B Certifications:	03/17/2017 08:56	03/17/2017 17:41	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:07	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:07	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:07	SA

Sample Information

Client Sample ID: SB12_0-1 **York Sample ID:** 17C0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:35 pm	03/13/2017

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:07	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:07	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:07	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:07	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 14:07	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.5 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6850**		mg/kg dry	5.86	5.86	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:35	KV
7440-36-0	Antimony	ND		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:35	KV
7440-38-2	**Arsenic**	**22.6**		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:35	KV
7440-39-3	**Barium**	**168**		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:35	KV
7440-41-7	**Beryllium**	**0.406**		mg/kg dry	0.117	0.117	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:35	KV
7440-43-9	**Cadmium**	**1.86**		mg/kg dry	0.351	0.351	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:35	KV
7440-70-2	**Calcium**	**48200**		mg/kg dry	0.586	5.86	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:35	KV
7440-47-3	**Chromium**	**29.5**		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:35	KV
7440-48-4	**Cobalt**	**6.20**		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:35	KV
7440-50-8	**Copper**	**97.3**		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:35	KV
7439-89-6	**Iron**	**29600**		mg/kg dry	2.34	2.34	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:35	KV
7439-92-1	**Lead**	**842**		mg/kg dry	0.351	0.351	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:35	KV

Sample Information

Client Sample ID: SB12_0-1 **York Sample ID:** 17C0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:35 pm	03/13/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**3930**		mg/kg dry	5.86	5.86	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:35	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**300**		mg/kg dry	0.586	0.586	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:35	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**26.2**		mg/kg dry	0.586	0.586	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:35	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**981**		mg/kg dry	5.86	5.86	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:35	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**2.50**		mg/kg dry	1.17	1.17	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:35	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.586	0.586	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:35	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**739**		mg/kg dry	11.7	11.7	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:35	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:35	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**31.0**		mg/kg dry	1.17	1.17	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:35	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**528**		mg/kg dry	1.17	1.17	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:35	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**4.36**		mg/kg dry	0.0351	0.0351	1	EPA 7473	03/16/2017 06:25	03/16/2017 12:41	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.4**		%	0.100	0.100	1	SM 2540G	03/20/2017 13:09	03/20/2017 14:59	TAJ
								Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.410	0.586	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Sample Information

Client Sample ID: SB12_0-1 **York Sample ID:** 17C0482-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:35 pm	03/13/2017

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**29.5**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.586	0.586	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB12_4.5-5 **York Sample ID:** 17C0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:45 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/17/2017 23:53	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/17/2017 23:53	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/17/2017 23:53	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/17/2017 23:53	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/17/2017 23:53	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/17/2017 23:53	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/17/2017 23:53	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/17/2017 23:53	SS
								Certifications: NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/17/2017 23:53	SS
								Certifications: NELAC-NY10854,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/17/2017 23:53	SS
								Certifications: NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/17/2017 23:53	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SB12_4.5-5 **York Sample ID:** 17C0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:45 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 NELAC-NY10854,NJDEP	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP	SS
67-64-1	**Acetone**	**0.011**		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP	SS
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 NELAC-NY10854,NJDEP	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/17/2017 23:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: SB12_4.5-5 **York Sample ID:** 17C0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:45 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 23:53	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 23:53	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 23:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 23:53	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP,PADEP	03/17/2017 23:53	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 23:53	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 23:53	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/17/2017 23:53	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/17/2017 23:53	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 23:53	SS
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/17/2017 23:53	SS

Sample Information

Client Sample ID: SB12_4.5-5 **York Sample ID:** 17C0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:45 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/17/2017 23:53	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/17/2017 23:53	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/17/2017 23:53	SS
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/17/2017 23:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/17/2017 23:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/17/2017 23:53	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/17/2017 23:53	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/17/2017 23:53	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/17/2017 23:53	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/17/2017 23:53	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.8 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.5 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:08	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:08	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:08	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/20/2017 07:57	03/21/2017 20:08	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:08	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/20/2017 07:57	03/21/2017 20:08	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/20/2017 07:57	03/21/2017 20:08	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:08	KH

Sample Information

Client Sample ID: SB12_4.5-5 **York Sample ID:** 17C0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:45 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB12_4.5-5 **York Sample ID:** 17C0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:45 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
83-32-9	**Acenaphthene**	**0.0506**	J	mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.140**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.367	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.451**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.419**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.361**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.211**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.426**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.278**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0917	0.183	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.499**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_4.5-5 **York Sample ID:** 17C0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:45 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
53-70-3	**Dibenzo(a,h)anthracene**	**0.0880**	J	mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	**Di-n-butyl phthalate**	**0.0982**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	**Di-n-octyl phthalate**	**0.0520**	J	mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**1.21**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.196**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**0.693**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.916**		mg/kg dry	0.0460	0.0917	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:08	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB12_4.5-5 **York Sample ID:** 17C0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:45 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*46.3 %*		*20-108*							
4165-62-2	*Surrogate: Phenol-d5*	*45.8 %*		*23-114*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*43.4 %*		*22-108*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.4 %*		*21-113*							
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*54.8 %*		*19-110*							
1718-51-0	*Surrogate: Terphenyl-d14*	*46.0 %*		*24-116*							

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 15:11	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0363	0.0363	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
72-20-8	Endrin	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA

Sample Information

Client Sample ID: SB12_4.5-5 **York Sample ID:** 17C0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:45 pm	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 15:11	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	0.181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 15:11	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56	03/17/2017 15:11	SA

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*35.3 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*43.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 11:19	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 11:19	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 11:19	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 11:19	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 11:19	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 11:19	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 11:19	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 11:19	SA

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*41.0 %*	*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*32.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **SB12_4.5-5** **York Sample ID:** **17C0482-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:45 pm	03/13/2017

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8310**		mg/kg dry	5.50	5.50	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.550	0.550	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.16**		mg/kg dry	1.10	1.10	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**80.9**		mg/kg dry	1.10	1.10	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.360**		mg/kg dry	0.110	0.110	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.330	0.330	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**16500**		mg/kg dry	0.550	5.50	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.6**		mg/kg dry	0.550	0.550	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.69**		mg/kg dry	0.550	0.550	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**28.6**		mg/kg dry	0.550	0.550	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14200**		mg/kg dry	2.20	2.20	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**62.1**		mg/kg dry	0.330	0.330	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4280**		mg/kg dry	5.50	5.50	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**313**		mg/kg dry	0.550	0.550	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**27.1**		mg/kg dry	0.550	0.550	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**968**		mg/kg dry	5.50	5.50	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.86**		mg/kg dry	1.10	1.10	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.550	0.550	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**266**		mg/kg dry	11.0	11.0	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.7**		mg/kg dry	1.10	1.10	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**65.7**		mg/kg dry	1.10	1.10	1	EPA 6010C	03/17/2017 10:27	03/17/2017 21:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB12_4.5-5 **York Sample ID:** 17C0482-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 12:45 pm	03/13/2017

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.295**		mg/kg dry	0.0330	0.0330	1	EPA 7473	03/16/2017 06:25	03/16/2017 09:47	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.9**		%	0.100	0.100	1	SM 2540G	03/20/2017 13:09	03/20/2017 14:59	TAJ
								Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.385	0.550	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.6**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.550	0.550	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB14_0.5-1.5 **York Sample ID:** 17C0482-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:45 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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

Sample Information

Client Sample ID: SB14_0.5-1.5 **York Sample ID:** 17C0482-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:45 am	03/13/2017

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 00:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 00:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 00:23	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 00:23	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 00:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 00:23	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 00:23	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 00:23	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 00:23	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS
67-64-1	**Acetone**	**0.020**		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 00:23	SS

Sample Information

Client Sample ID: SB14_0.5-1.5 **York Sample ID:** 17C0482-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:45 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS CTDOH,NELAC-NY10854,NJDEP
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:23	SS NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: SB14_0.5-1.5 **York Sample ID:** 17C0482-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:45 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 00:23	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 00:23	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:23	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 00:23	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 00:23	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 00:23	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 00:23	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 00:23	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 00:23	SS
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 00:23	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 00:23	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 00:23	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:23	SS
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 00:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:23	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:23	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:23	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:23	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:23	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.5 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Sample Information

Client Sample ID: SB14_0.5-1.5 **York Sample ID:** 17C0482-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:45 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 20:41	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 20:41	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 20:41	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:41	KH

Sample Information

Client Sample ID: SB14_0.5-1.5 **York Sample ID:** 17C0482-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:45 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.183	0.367	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.367	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB14_0.5-1.5 **York Sample ID:** 17C0482-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:45 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0916	0.183	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.0483**	J	mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.0644**	J	mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB14_0.5-1.5 **York Sample ID:** 17C0482-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:45 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:41	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:41	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:41	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:41	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:41	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:41	KH
108-95-2	Phenol	ND		mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:41	KH
129-00-0	**Pyrene**	**0.0520**	J	mg/kg dry	0.0459	0.0916	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:41	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*30.0 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*30.2 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*28.2 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*36.9 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*60.0 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*42.4 %*	*24-116*

Pesticides, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 17:56	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 17:56	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 17:56	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 17:56	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 17:56	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	03/17/2017 08:56	03/17/2017 17:56	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 17:56	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0362	0.0362	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 17:56	SA

Sample Information

Client Sample ID: SB14_0.5-1.5 **York Sample ID:** 17C0482-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:45 am	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
72-20-8	Endrin	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 17:56	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	0.181	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 17:56	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications:	03/17/2017 08:56	03/17/2017 17:56	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:31	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:31	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:31	SA

Sample Information

Client Sample ID: SB14_0.5-1.5 **York Sample ID:** 17C0482-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:45 am	03/13/2017

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:31	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:31	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:31	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 14:31	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 14:31	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.0 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3800**		mg/kg dry	5.49	5.49	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV
7440-36-0	Antimony	ND		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV
7440-38-2	**Arsenic**	**2.12**		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV
7440-39-3	**Barium**	**19.9**		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV
7440-41-7	**Beryllium**	**0.216**		mg/kg dry	0.110	0.110	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.329	0.329	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV
7440-70-2	**Calcium**	**3660**		mg/kg dry	0.549	5.49	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV
7440-47-3	**Chromium**	**8.79**		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV
7440-48-4	**Cobalt**	**4.55**		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV
7440-50-8	**Copper**	**12.1**		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV
7439-89-6	**Iron**	**8550**		mg/kg dry	2.20	2.20	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV
7439-92-1	**Lead**	**18.2**		mg/kg dry	0.329	0.329	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV
7439-95-4	**Magnesium**	**2060**		mg/kg dry	5.49	5.49	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:00	KV

Sample Information

Client Sample ID: SB14_0.5-1.5 **York Sample ID:** 17C0482-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:45 am	03/13/2017

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**181**		mg/kg dry	0.549	0.549	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:00	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**19.8**		mg/kg dry	0.549	0.549	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:00	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**825**		mg/kg dry	5.49	5.49	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:00	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:00	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.549	0.549	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:00	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**337**		mg/kg dry	11.0	11.0	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:00	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:00	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.4**		mg/kg dry	1.10	1.10	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:00	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**24.9**		mg/kg dry	1.10	1.10	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:00	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0939**		mg/kg dry	0.0329	0.0329	1	EPA 7473	03/16/2017 06:25	03/16/2017 09:56	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.1**		%	0.100	0.100	1	SM 2540G	03/20/2017 11:44	03/20/2017 14:14	TAJ
								Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.384	0.549	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB14_0.5-1.5 **York Sample ID:** 17C0482-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:45 am	03/13/2017

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**8.79**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.549	0.549	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB14_5-6 **York Sample ID:** 17C0482-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:55 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/18/2017 00:54	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/18/2017 00:54	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/18/2017 00:54	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/18/2017 00:54	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/18/2017 00:54	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/18/2017 00:54	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/18/2017 00:54	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/18/2017 00:54	SS
								Certifications: NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/18/2017 00:54	SS
								Certifications: NELAC-NY10854,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/18/2017 00:54	SS
								Certifications: NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/18/2017 00:54	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	03/17/2017 13:52	03/18/2017 00:54	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SB14_5-6 **York Sample ID:** 17C0482-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:55 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS NELAC-NY10854,NJDEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
67-64-1	**Acetone**	**0.017**		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: SB14_5-6 **York Sample ID:** 17C0482-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:55 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS NELAC-NY10854,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS NELAC-NY10854,NJDEP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS CTDOH,NELAC-NY10854,NJDEP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 00:54	SS NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: SB14_5-6 **York Sample ID:** 17C0482-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:55 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 00:54	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:54	SS
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 00:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:54	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:54	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:54	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:54	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:54	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 19:09	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 19:09	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 19:09	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR

Sample Information

Client Sample ID: SB14_5-6 **York Sample ID:** 17C0482-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:55 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 NELAC-NY10854,NJDEP,PADEP	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
83-32-9	Acenaphthene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: **SB14_5-6** **York Sample ID:** **17C0482-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:55 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
208-96-8	**Acenaphthylene**	**0.0642**	J	mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0841**	J	mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.24**		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**1.71**		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.11**		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.964**		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.50**		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0923	0.184	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0561**	J	mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1.31**		mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.429**	CCV-E	mg/kg dry	0.0462	0.0923	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:09	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **SB14_5-6** **York Sample ID:** **17C0482-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:55 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
206-44-0	**Fluoranthene**	**1.96**		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
86-73-7	Fluorene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.913**	CCV-E	mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
78-59-1	Isophorone	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
91-20-3	Naphthalene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
85-01-8	**Phenanthrene**	**0.204**		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
108-95-2	Phenol	ND		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR
129-00-0	**Pyrene**	**1.86**		mg/kg dry	0.0462	0.0923	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 19:09	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*46.2 %*	*20-108*

Sample Information

Client Sample ID: SB14_5-6 **York Sample ID:** 17C0482-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:55 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: Phenol-d5*	*48.0 %*			*23-114*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*59.9 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.9 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*86.1 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*42.2 %*			*24-116*						

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 20:41	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0365	0.0365	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
72-20-8	Endrin	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA

Sample Information

Client Sample ID: SB14_5-6 **York Sample ID:** 17C0482-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:55 am	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 20:41	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	0.183	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:41	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications:	03/17/2017 08:56	03/17/2017 20:41	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 19:24	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 19:24	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 19:24	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 19:24	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 19:24	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 19:24	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 19:24	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 19:24	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*37.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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

Sample Information

Client Sample ID: SB14_5-6 **York Sample ID:** 17C0482-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:55 am	03/13/2017

7429-90-5	**Aluminum**	**4290**	mg/kg dry	5.53	5.53	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND	mg/kg dry	0.553	0.553	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.05**	mg/kg dry	1.11	1.11	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**32.5**	mg/kg dry	1.11	1.11	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.272**	mg/kg dry	0.111	0.111	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND	mg/kg dry	0.332	0.332	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1630**	mg/kg dry	0.553	5.53	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**9.72**	mg/kg dry	0.553	0.553	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.71**	mg/kg dry	0.553	0.553	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**32.6**	mg/kg dry	0.553	0.553	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**9180**	mg/kg dry	2.21	2.21	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**40.0**	mg/kg dry	0.332	0.332	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1930**	mg/kg dry	5.53	5.53	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**105**	mg/kg dry	0.553	0.553	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.7**	mg/kg dry	0.553	0.553	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**706**	mg/kg dry	5.53	5.53	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND	mg/kg dry	1.11	1.11	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND	mg/kg dry	0.553	0.553	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**391**	mg/kg dry	11.1	11.1	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND	mg/kg dry	1.11	1.11	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**15.5**	mg/kg dry	1.11	1.11	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**32.8**	mg/kg dry	1.11	1.11	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:05	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB14_5-6 **York Sample ID:** 17C0482-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 11, 2017 11:55 am	03/13/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.143**		mg/kg dry	0.0332	0.0332	1	EPA 7473	03/16/2017 06:25	03/16/2017 10:04	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.4**		%	0.100	0.100	1	SM 2540G	03/20/2017 13:09	03/20/2017 14:59	TAJ
								Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.387	0.553	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**9.72**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.553	0.553	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB08_0-1 **York Sample ID:** 17C0482-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 7:50 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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

Sample Information

Client Sample ID: SB08_0-1 **York Sample ID:** 17C0482-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 7:50 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:24	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:24	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:24	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:24	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:24	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:24	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.085	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:24	SS

Sample Information

Client Sample ID: SB08_0-1 **York Sample ID:** 17C0482-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 7:50 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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**	**0.0091**		mg/kg dry	0.0043	0.0085	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB08_0-1 **York Sample ID:** 17C0482-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 7:50 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 01:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:24	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 01:24	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:24	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:24	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:24	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 01:24	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 01:24	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:24	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:24	SS
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:24	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 01:24	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:24	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:24	SS
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:24	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:24	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:24	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:24	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.3 %*	*76-130*

Sample Information

Client Sample ID: SB08_0-1 **York Sample ID:** 17C0482-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 7:50 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 21:13	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 21:13	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 21:13	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH

Sample Information

Client Sample ID: SB08_0-1 **York Sample ID:** 17C0482-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 7:50 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.179	0.359	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.359	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.0487**	J	mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0458**	J	mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:13 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB08_0-1 **York Sample ID:** 17C0482-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 7:50 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0896	0.179	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
218-01-9	**Chrysene**	**0.0630**	J	mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
206-44-0	**Fluoranthene**	**0.120**		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH

Sample Information

Client Sample ID: SB08_0-1 **York Sample ID:** 17C0482-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 7:50 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
85-01-8	**Phenanthrene**	**0.0752**	J	mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
108-95-2	Phenol	ND		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH
129-00-0	**Pyrene**	**0.0967**		mg/kg dry	0.0449	0.0896	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:13	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*48.8 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*49.6 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*47.8 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.8 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*80.7 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*48.4 %*	*24-116*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 20:56	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0354	0.0354	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA

Sample Information

Client Sample ID: SB08_0-1 **York Sample ID:** 17C0482-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 7:50 am	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
72-20-8	Endrin	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 20:56	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.177	0.177	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 20:56	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00177	0.00177	5	EPA 8081B Certifications:	03/17/2017 08:56	03/17/2017 20:56	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 19:48	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 19:48	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 19:48	SA

Sample Information

Client Sample ID: SB08_0-1 **York Sample ID:** 17C0482-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 7:50 am	03/13/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 19:48	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 19:48	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 19:48	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 19:48	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 19:48	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7170**		mg/kg dry	5.37	5.37	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 22:23	KV
7440-36-0	Antimony	ND		mg/kg dry	0.537	0.537	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 22:23	KV
7440-38-2	**Arsenic**	**2.25**		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 22:23	KV
7440-39-3	**Barium**	**67.7**		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 22:23	KV
7440-41-7	**Beryllium**	**0.349**		mg/kg dry	0.107	0.107	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 22:23	KV
7440-43-9	**Cadmium**	**1.04**		mg/kg dry	0.322	0.322	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 22:23	KV
7440-70-2	**Calcium**	**3740**		mg/kg dry	0.537	5.37	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 22:23	KV
7440-47-3	**Chromium**	**18.5**		mg/kg dry	0.537	0.537	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 22:23	KV
7440-48-4	**Cobalt**	**9.64**		mg/kg dry	0.537	0.537	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 22:23	KV
7440-50-8	**Copper**	**36.4**		mg/kg dry	0.537	0.537	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 22:23	KV
7439-89-6	**Iron**	**14700**		mg/kg dry	2.15	2.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 22:23	KV
7439-92-1	**Lead**	**69.2**		mg/kg dry	0.322	0.322	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 22:23	KV

Sample Information

Client Sample ID: SB08_0-1 **York Sample ID:** 17C0482-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 7:50 am	03/13/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**3480**		mg/kg dry	5.37	5.37	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:23	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**359**		mg/kg dry	0.537	0.537	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:23	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**38.3**		mg/kg dry	0.537	0.537	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:23	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1540**		mg/kg dry	5.37	5.37	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:23	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.33**		mg/kg dry	1.07	1.07	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:23	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.537	0.537	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:23	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**845**		mg/kg dry	10.7	10.7	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:23	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:23	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**29.6**		mg/kg dry	1.07	1.07	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:23	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**315**		mg/kg dry	1.07	1.07	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:23	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.125**		mg/kg dry	0.0322	0.0322	1	EPA 7473	03/16/2017 06:25	03/16/2017 10:13	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.1**		%	0.100	0.100	1	SM 2540G	03/20/2017 11:44	03/20/2017 14:14	TAJ
								Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.376	0.537	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Sample Information

Client Sample ID: SB08_0-1 **York Sample ID:** 17C0482-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 7:50 am	03/13/2017

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**18.5**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.537	0.537	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_5-6 **York Sample ID:** 17C0482-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 8:05 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:54	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:54	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:54	SS
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	03/17/2017 13:52	03/18/2017 01:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB08_5-6 **York Sample ID:** 17C0482-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 8:05 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:54	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:54	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:54	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:54	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
67-64-1	**Acetone**	**0.0072**	J	mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:54	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:54	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:54	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:54	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 01:54	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:54	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 01:54	SS

Sample Information

Client Sample ID: SB08_5-6 **York Sample ID:** 17C0482-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 8:05 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 01:54	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 01:54	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:54	SS

Sample Information

Client Sample ID: SB08_5-6 **York Sample ID:** 17C0482-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 8:05 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 01:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:54	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.9 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 21:45	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 21:45	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 21:45	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH

Sample Information

Client Sample ID: SB08_5-6 **York Sample ID:** 17C0482-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 8:05 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB08_5-6 **York Sample ID:** 17C0482-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 8:05 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,PADEP	03/21/2017 21:45	KH
56-55-3	**Benzo(a)anthracene**	**0.0822**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
50-32-8	**Benzo(a)pyrene**	**0.0771**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0713**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0844**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
85-68-7	**Benzyl butyl phthalate**	**1.09**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH
218-01-9	**Chrysene**	**0.107**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 21:45	KH

Sample Information

Client Sample ID: SB08_5-6 **York Sample ID:** 17C0482-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 8:05 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.223**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**0.155**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**0.172**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 21:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB08_5-6 **York Sample ID:** 17C0482-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 8:05 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
367-12-4	*Surrogate: 2-Fluorophenol*	*45.7 %*			*20-108*						
4165-62-2	*Surrogate: Phenol-d5*	*46.2 %*			*23-114*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*42.8 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.3 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*81.0 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*49.4 %*			*24-116*						

Pesticides, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 21:11	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0360	0.0360	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
72-20-8	Endrin	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
7421-93-4	**Endrin aldehyde**	**0.00424**		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:11	SA

Sample Information

Client Sample ID: SB08_5-6 **York Sample ID:** 17C0482-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 8:05 am	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	03/17/2017 08:56	03/17/2017 21:11	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 21:11	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 21:11	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 21:11	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	0.180	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 21:11	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56	03/17/2017 21:11	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*31.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 20:12	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 20:12	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 20:12	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 20:12	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 20:12	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 20:12	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/17/2017 20:12	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 20:12	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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

Sample Information

Client Sample ID: **SB08_5-6** **York Sample ID:** **17C0482-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 8:05 am	03/13/2017

7429-90-5	**Aluminum**	**5160**	mg/kg dry	5.45	5.45	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND	mg/kg dry	0.545	0.545	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.74**	mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**47.0**	mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.297**	mg/kg dry	0.109	0.109	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND	mg/kg dry	0.327	0.327	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2850**	mg/kg dry	0.545	5.45	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.8**	mg/kg dry	0.545	0.545	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.16**	mg/kg dry	0.545	0.545	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**18.9**	mg/kg dry	0.545	0.545	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**11300**	mg/kg dry	2.18	2.18	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**22.5**	mg/kg dry	0.327	0.327	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2620**	mg/kg dry	5.45	5.45	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**244**	mg/kg dry	0.545	0.545	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**29.2**	mg/kg dry	0.545	0.545	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1150**	mg/kg dry	5.45	5.45	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND	mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND	mg/kg dry	0.545	0.545	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**471**	mg/kg dry	10.9	10.9	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND	mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.4**	mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**39.2**	mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:27	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB08_5-6 **York Sample ID:** 17C0482-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 8:05 am	03/13/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0694**		mg/kg dry	0.0327	0.0327	1	EPA 7473	03/16/2017 06:25	03/16/2017 10:25	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.7**		%	0.100	0.100	1	SM 2540G	03/20/2017 11:44	03/20/2017 14:14	TAJ
								Certifications: CTDOH			

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.382	0.545	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.8**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.545	0.545	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB07_0-1 **York Sample ID:** 17C0482-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List **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

Sample Information

Client Sample ID: SB07_0-1 **York Sample ID:** 17C0482-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:25	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:25	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:25	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:25	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:25	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:25	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.085	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:25	SS

Sample Information

Client Sample ID: SB07_0-1 **York Sample ID:** 17C0482-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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**	**0.010**		mg/kg dry	0.0042	0.0085	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB07_0-1 **York Sample ID:** 17C0482-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 02:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 02:25	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 02:25	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:25	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 02:25	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 02:25	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 02:25	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 02:25	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 02:25	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 02:25	SS
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 02:25	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 02:25	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 02:25	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:25	SS
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 02:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:25	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:25	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:25	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:25	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.7 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.2 %*	*76-130*

Sample Information

Client Sample ID: SB07_0-1 **York Sample ID:** 17C0482-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:10 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 22:18	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 22:18	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 22:18	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH

Sample Information

Client Sample ID: SB07_0-1 **York Sample ID:** 17C0482-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:10 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.180	0.360	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.0489**	J	mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.180	0.360	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.111**		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.0914**		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0899**	J	mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.109**		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	**Benzyl alcohol**	**0.687**		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 22:18 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB07_0-1 **York Sample ID:** 17C0482-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:10 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	**Benzyl butyl phthalate**	**0.914**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0626**	J	mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0900	0.180	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.134**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.301**		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_0-1 **York Sample ID:** 17C0482-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:10 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
85-01-8	**Phenanthrene**	**0.248**		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
108-95-2	Phenol	ND		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH
129-00-0	**Pyrene**	**0.224**		mg/kg dry	0.0451	0.0900	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:18	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*41.9 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*49.2 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*47.0 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.7 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*37.2 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*50.8 %*	*24-116*

Pesticides, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 21:26	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0356	0.0356	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA

Sample Information

Client Sample ID: SB07_0-1 **York Sample ID:** 17C0482-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:10 am	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
72-20-8	Endrin	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 21:26	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	0.178	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:26	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00178	0.00178	5	EPA 8081B Certifications:	03/17/2017 08:56	03/17/2017 21:26	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 20:36	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 20:36	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 20:36	SA

Sample Information

Client Sample ID: SB07_0-1 **York Sample ID:** 17C0482-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:10 am	03/13/2017

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 20:36	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 20:36	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 20:36	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 20:36	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 20:36	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.0 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7210**		mg/kg dry	5.40	5.40	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV
7440-36-0	Antimony	ND		mg/kg dry	0.540	0.540	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV
7440-38-2	**Arsenic**	**2.20**		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV
7440-39-3	**Barium**	**60.2**		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV
7440-41-7	**Beryllium**	**0.368**		mg/kg dry	0.108	0.108	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.324	0.324	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV
7440-70-2	**Calcium**	**7740**		mg/kg dry	0.540	5.40	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV
7440-47-3	**Chromium**	**18.3**		mg/kg dry	0.540	0.540	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV
7440-48-4	**Cobalt**	**7.58**		mg/kg dry	0.540	0.540	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV
7440-50-8	**Copper**	**27.1**		mg/kg dry	0.540	0.540	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV
7439-89-6	**Iron**	**14600**		mg/kg dry	2.16	2.16	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV
7439-92-1	**Lead**	**37.4**		mg/kg dry	0.324	0.324	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV
7439-95-4	**Magnesium**	**3110**		mg/kg dry	5.40	5.40	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:32	KV

Sample Information

Client Sample ID: SB07_0-1 **York Sample ID:** 17C0482-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:10 am	03/13/2017

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**346**		mg/kg dry	0.540	0.540	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:32	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**36.1**		mg/kg dry	0.540	0.540	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:32	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1360**		mg/kg dry	5.40	5.40	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:32	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:32	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.540	0.540	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:32	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**545**		mg/kg dry	10.8	10.8	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:32	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:32	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**25.0**		mg/kg dry	1.08	1.08	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:32	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**50.0**		mg/kg dry	1.08	1.08	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:32	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0957**		mg/kg dry	0.0324	0.0324	1	EPA 7473	03/16/2017 06:25	03/16/2017 10:31	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.7**		%	0.100	0.100	1	SM 2540G	03/20/2017 11:44	03/20/2017 14:14	TAJ
								Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.378	0.540	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB07_0-1 **York Sample ID:** 17C0482-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:10 am	03/13/2017

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	18.3		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.540	0.540	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB07_5-6 **York Sample ID:** 17C0482-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:15 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:55	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:55	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:55	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:55	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:55	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:55	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:55	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:55	SS
								Certifications: NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:55	SS
								Certifications: NELAC-NY10854,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:55	SS
								Certifications: NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:55	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	03/17/2017 13:52	03/18/2017 02:55	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SB07_5-6 **York Sample ID:** 17C0482-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:15 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 NELAC-NY10854,NJDEP	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
67-64-1	**Acetone**	**0.028**		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 NELAC-NY10854,NJDEP	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: SB07_5-6 **York Sample ID:** 17C0482-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:15 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 NELAC-NY10854,NJDEP	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 NELAC-NY10854,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 NELAC-NY10854,NJDEP	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 NELAC-NY10854,NJDEP	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 NELAC-NY10854,NJDEP	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 NELAC-NY10854,NJDEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 NELAC-NY10854,NJDEP	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 CTDOH,NELAC-NY10854,NJDEP	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 02:55 NELAC-NY10854,NJDEP	SS

Sample Information

Client Sample ID: SB07_5-6 **York Sample ID:** 17C0482-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:15 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:55	SS
127-18-4	**Tetrachloroethylene**	**0.0052**	J	mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:55	SS
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 02:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:55	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:55	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:55	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:55	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 02:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.7 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 19:40	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 19:40	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 19:40	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/20/2017 07:57	03/21/2017 19:40	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 19:40	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/20/2017 07:57	03/21/2017 19:40	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/20/2017 07:57	03/21/2017 19:40	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 19:40	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 19:40	SR

Sample Information

Client Sample ID: SB07_5-6 **York Sample ID:** 17C0482-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:15 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 NELAC-NY10854,NJDEP,PADEP	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
83-32-9	**Acenaphthene**	**0.210**		mg/kg dry	0.0511	0.102	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 19:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: SB07_5-6 **York Sample ID:** 17C0482-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:15 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
208-96-8	**Acenaphthylene**	**0.144**		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.204	0.409	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.564**		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.204	0.409	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**2.08**		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**2.36**		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.86**		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.36**		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.97**		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	**Benzyl butyl phthalate**	**0.183**		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.426**		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**2.37**		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.621**	CCV-E	mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_5-6 **York Sample ID:** 17C0482-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:15 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	**Dibenzofuran**	**0.0889**	J	mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**4.51**		mg/kg dry	0.256	0.510	10	EPA 8270D	03/20/2017 07:57	03/22/2017 12:07	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.164**		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.31**	CCV-E	mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**2.60**		mg/kg dry	0.256	0.510	10	EPA 8270D	03/20/2017 07:57	03/22/2017 12:07	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0511	0.102	2	EPA 8270D	03/20/2017 07:57	03/21/2017 19:40	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**3.48**		mg/kg dry	0.256	0.510	10	EPA 8270D	03/20/2017 07:57	03/22/2017 12:07	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*40.7 %*	*20-108*

Sample Information

Client Sample ID: SB07_5-6 **York Sample ID:** 17C0482-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:15 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: Phenol-d5*	*45.2 %*			*23-114*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.2 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.0 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*83.0 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*39.2 %*			*24-116*						

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 21:41	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0404	0.0404	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
72-20-8	Endrin	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA

Sample Information

Client Sample ID: SB07_5-6 **York Sample ID:** 17C0482-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:15 am	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/17/2017 21:41	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.202	0.202	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 21:41	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00202	0.00202	5	EPA 8081B Certifications:	03/17/2017 08:56	03/17/2017 21:41	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.2 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 21:00	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 21:00	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 21:00	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 21:00	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 21:00	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 21:00	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 21:00	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 21:00	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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

Sample Information

Client Sample ID: SB07_5-6 **York Sample ID:** 17C0482-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:15 am	03/13/2017

7429-90-5	**Aluminum**	**7350**	mg/kg dry	6.12	6.12	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND	mg/kg dry	0.612	0.612	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**6.33**	mg/kg dry	1.22	1.22	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**158**	mg/kg dry	1.22	1.22	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.389**	mg/kg dry	0.122	0.122	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.383**	mg/kg dry	0.367	0.367	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**31100**	mg/kg dry	0.612	6.12	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.9**	mg/kg dry	0.612	0.612	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.62**	mg/kg dry	0.612	0.612	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**61.1**	mg/kg dry	0.612	0.612	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**20800**	mg/kg dry	2.45	2.45	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**245**	mg/kg dry	0.367	0.367	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5280**	mg/kg dry	6.12	6.12	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**485**	mg/kg dry	0.612	0.612	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**24.3**	mg/kg dry	0.612	0.612	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1380**	mg/kg dry	6.12	6.12	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.46**	mg/kg dry	1.22	1.22	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND	mg/kg dry	0.612	0.612	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**860**	mg/kg dry	12.2	12.2	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND	mg/kg dry	1.22	1.22	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**28.4**	mg/kg dry	1.22	1.22	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**159**	mg/kg dry	1.22	1.22	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:37	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB07_5-6 **York Sample ID:** 17C0482-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 9:15 am	03/13/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.650**		mg/kg dry	0.0367	0.0367	1	EPA 7473	03/16/2017 06:25	03/16/2017 10:40	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.7**		%	0.100	0.100	1	SM 2540G	03/20/2017 11:44	03/20/2017 14:14	TAJ
								Certifications: CTDOH			

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.428	0.612	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.9**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.612	0.612	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB09_0-1 **York Sample ID:** 17C0482-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List **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

Sample Information

Client Sample ID: SB09_0-1 **York Sample ID:** 17C0482-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:25	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:25	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:25	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:25	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:25	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:25	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:25	SS

Sample Information

Client Sample ID: SB09_0-1 **York Sample ID:** 17C0482-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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**	**0.015**		mg/kg dry	0.0054	0.011	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:25	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB09_0-1 **York Sample ID:** 17C0482-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 03:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:25	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 03:25	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:25	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:25	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:25	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 03:25	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 03:25	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:25	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:25	SS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:25	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 03:25	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:25	SS
127-18-4	**Tetrachloroethylene**	**0.0080**		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:25	SS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:25	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:25	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:25	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:25	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.8 %*	*76-130*

Sample Information

Client Sample ID: SB09_0-1 **York Sample ID:** 17C0482-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:10 am	03/13/2017

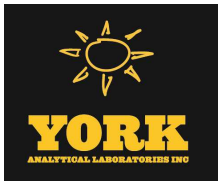
Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 22:50	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 22:50	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 22:50	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH



Sample Information

Client Sample ID: SB09_0-1 **York Sample ID:** 17C0482-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:10 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
62-53-3	Aniline	ND		mg/kg dry	0.195	0.389	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
92-87-5	Benzidine	ND		mg/kg dry	0.195	0.389	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,PADEP	03/21/2017 22:50	KH
56-55-3	**Benzo(a)anthracene**	**0.121**		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
50-32-8	**Benzo(a)pyrene**	**0.126**		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
205-99-2	**Benzo(b)fluoranthene**	**0.119**		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.0614**	J	mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
207-08-9	**Benzo(k)fluoranthene**	**0.128**		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH

Sample Information

Client Sample ID: SB09_0-1 **York Sample ID:** 17C0482-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:10 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	**Benzyl butyl phthalate**	**0.0521**	J	mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.147**		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.275**		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0498**	J	mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D	03/20/2017 07:57	03/21/2017 22:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-1 **York Sample ID:** 17C0482-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:10 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
85-01-8	**Phenanthrene**	**0.150**		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
108-95-2	Phenol	ND		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH
129-00-0	**Pyrene**	**0.222**		mg/kg dry	0.0487	0.0973	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 22:50	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*41.3 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*40.8 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*37.9 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.0 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*67.0 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*41.4 %*	*24-116*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/18/2017 00:41	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0385	0.0385	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA

Sample Information

Client Sample ID: SB09_0-1 **York Sample ID:** 17C0482-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:10 am	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
72-20-8	Endrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/18/2017 00:41	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	0.192	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 00:41	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	03/17/2017 08:56	03/18/2017 00:41	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.5 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 22:12	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 22:12	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 22:12	SA

Sample Information

Client Sample ID: SB09_0-1 **York Sample ID:** 17C0482-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:10 am	03/13/2017

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 22:12	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 22:12	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 22:12	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 22:12	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 22:12	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.5 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7660**		mg/kg dry	5.83	5.83	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV
7440-36-0	Antimony	ND		mg/kg dry	0.583	0.583	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV
7440-38-2	**Arsenic**	**3.58**		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV
7440-39-3	**Barium**	**96.4**		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV
7440-41-7	**Beryllium**	**0.374**		mg/kg dry	0.117	0.117	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.350	0.350	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV
7440-70-2	**Calcium**	**29400**		mg/kg dry	0.583	5.83	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.583	0.583	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV
7440-48-4	**Cobalt**	**7.19**		mg/kg dry	0.583	0.583	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV
7440-50-8	**Copper**	**19.0**		mg/kg dry	0.583	0.583	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV
7439-89-6	**Iron**	**14600**		mg/kg dry	2.33	2.33	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV
7439-92-1	**Lead**	**91.8**		mg/kg dry	0.350	0.350	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV
7439-95-4	**Magnesium**	**9630**		mg/kg dry	5.83	5.83	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:42	KV

Sample Information

Client Sample ID: SB09_0-1 **York Sample ID:** 17C0482-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:10 am	03/13/2017

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**637**		mg/kg dry	0.583	0.583	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:42	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**34.2**		mg/kg dry	0.583	0.583	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:42	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1360**		mg/kg dry	5.83	5.83	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:42	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:42	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.583	0.583	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:42	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**735**		mg/kg dry	11.7	11.7	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:42	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:42	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.5**		mg/kg dry	1.17	1.17	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:42	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**49.2**		mg/kg dry	1.17	1.17	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:42	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.685**		mg/kg dry	0.0350	0.0350	1	EPA 7473	03/16/2017 06:25	03/16/2017 10:52	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.8**		%	0.100	0.100	1	SM 2540G	03/20/2017 11:44	03/20/2017 14:14	TAJ
								Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.408	0.583	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB09_0-1 **York Sample ID:** 17C0482-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:10 am	03/13/2017

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.6**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.583	0.583	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_7.5-8 **York Sample ID:** 17C0482-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:15 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:56	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:56	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:56	SS
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	03/17/2017 13:52	03/18/2017 03:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB09_7.5-8 **York Sample ID:** 17C0482-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:15 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.069	0.14	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
78-93-3	**2-Butanone**	**0.0037**	J	mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
67-64-1	**Acetone**	**0.051**		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS

Sample Information

Client Sample ID: SB09_7.5-8 **York Sample ID:** 17C0482-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:15 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:56	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:56	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:56	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:56	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 03:56	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 03:56	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 03:56	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 03:56	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 03:56	SS

Sample Information

Client Sample ID: SB09_7.5-8 **York Sample ID:** 17C0482-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:15 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
127-18-4	**Tetrachloroethylene**	**0.026**		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 03:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.021	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 03:56	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:11	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:11	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:11	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/20/2017 07:57	03/21/2017 20:11	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:11	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/20/2017 07:57	03/21/2017 20:11	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/20/2017 07:57	03/21/2017 20:11	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:11	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/21/2017 20:11	SR

Sample Information

Client Sample ID: SB09_7.5-8 **York Sample ID:** 17C0482-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:15 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR
83-32-9	**Acenaphthene**	**0.264**		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:11	SR

Sample Information

Client Sample ID: SB09_7.5-8 **York Sample ID:** 17C0482-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:15 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
208-96-8	**Acenaphthylene**	**0.584**		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.208	0.416	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**1.95**		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.208	0.416	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**4.72**		mg/kg dry	0.260	0.519	10	EPA 8270D	03/20/2017 07:57	03/22/2017 12:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**4.90**		mg/kg dry	0.260	0.519	10	EPA 8270D	03/20/2017 07:57	03/22/2017 12:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**4.50**		mg/kg dry	0.260	0.519	10	EPA 8270D	03/20/2017 07:57	03/22/2017 12:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**2.51**		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**3.97**		mg/kg dry	0.260	0.519	10	EPA 8270D	03/20/2017 07:57	03/22/2017 12:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	**Benzyl butyl phthalate**	**1.81**		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.104	0.207	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.470**		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**4.58**		mg/kg dry	0.260	0.519	10	EPA 8270D	03/20/2017 07:57	03/22/2017 12:39	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**1.38**	CCV-E	mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_7.5-8 **York Sample ID:** 17C0482-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:15 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	**Dibenzofuran**	**0.0963**	J	mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**14.5**		mg/kg dry	0.260	0.519	10	EPA 8270D	03/20/2017 07:57	03/22/2017 12:39	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.355**		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2.90**	CCV-E	mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0631**	J	mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**5.27**		mg/kg dry	0.260	0.519	10	EPA 8270D	03/20/2017 07:57	03/22/2017 12:39	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D	03/20/2017 07:57	03/21/2017 20:11	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**11.9**		mg/kg dry	0.260	0.519	10	EPA 8270D	03/20/2017 07:57	03/22/2017 12:39	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*36.5 %*	*20-108*

Sample Information

Client Sample ID: SB09_7.5-8 **York Sample ID:** 17C0482-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:15 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: Phenol-d5*	*36.7 %*			*23-114*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*44.2 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*37.6 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*51.1 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*19.5 %*	S-08		*24-116*						

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 NELAC-NY10854,NJDEP	03/21/2017 10:16	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0411	0.0411	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
72-20-8	Endrin	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA

Sample Information

Client Sample ID: SB09_7.5-8 **York Sample ID:** 17C0482-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:15 am	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 NELAC-NY10854,NJDEP	03/21/2017 10:16	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.205	0.205	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:16	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00205	0.00205	5	EPA 8081B Certifications:	03/21/2017 06:44	03/21/2017 10:16	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:22	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:22	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:22	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:22	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:22	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:22	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:22	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A Certifications:	03/21/2017 06:44	03/21/2017 10:22	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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

Sample Information

Client Sample ID: SB09_7.5-8 **York Sample ID:** 17C0482-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:15 am	03/13/2017

7429-90-5	**Aluminum**	**7840**	mg/kg dry	6.22	6.22	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND	mg/kg dry	0.622	0.622	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**11.4**	mg/kg dry	1.24	1.24	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**194**	mg/kg dry	1.24	1.24	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.346**	mg/kg dry	0.124	0.124	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.456**	mg/kg dry	0.373	0.373	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**20900**	mg/kg dry	0.622	6.22	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.5**	mg/kg dry	0.622	0.622	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.75**	mg/kg dry	0.622	0.622	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**72.8**	mg/kg dry	0.622	0.622	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17300**	mg/kg dry	2.49	2.49	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**277**	mg/kg dry	0.373	0.373	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4880**	mg/kg dry	6.22	6.22	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**405**	mg/kg dry	0.622	0.622	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**42.3**	mg/kg dry	0.622	0.622	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1720**	mg/kg dry	6.22	6.22	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.54**	mg/kg dry	1.24	1.24	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND	mg/kg dry	0.622	0.622	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**433**	mg/kg dry	12.4	12.4	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND	mg/kg dry	1.24	1.24	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**32.6**	mg/kg dry	1.24	1.24	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**233**	mg/kg dry	1.24	1.24	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:46	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB09_7.5-8 **York Sample ID:** 17C0482-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 10:15 am	03/13/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.49**		mg/kg dry	0.0373	0.0373	1	EPA 7473	03/16/2017 06:25	03/16/2017 11:04	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.3**		%	0.100	0.100	1	SM 2540G	03/20/2017 11:44	03/20/2017 14:14	TAJ
								Certifications: CTDOH			

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.436	0.622	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**22.5**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.622	0.622	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB10_0-1 **York Sample ID:** 17C0482-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:30 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List **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

Sample Information

Client Sample ID: **SB10_0-1** **York Sample ID:** **17C0482-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:30 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 04:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 04:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 04:26	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 04:26	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 04:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 04:26	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 04:26	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 04:26	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 04:26	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.067	0.13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 04:26	SS

Sample Information

Client Sample ID: SB10_0-1 **York Sample ID:** 17C0482-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:30 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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**	**0.013**	J	mg/kg dry	0.0067	0.013	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:26	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB10_0-1 **York Sample ID:** 17C0482-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:30 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 04:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:26	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 04:26	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:26	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:26	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:26	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 04:26	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 04:26	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:26	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:26	SS
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:26	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 04:26	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:26	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:26	SS
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:26	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:26	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:26	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:26	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.9 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.3 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.1 %*	*76-130*

Sample Information

Client Sample ID: SB10_0-1 **York Sample ID:** 17C0482-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:30 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 23:22	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 23:22	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 23:22	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH

Sample Information

Client Sample ID: SB10_0-1 **York Sample ID:** 17C0482-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:30 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
62-53-3	Aniline	ND		mg/kg dry	0.183	0.365	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.365	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,PADEP	03/21/2017 23:22	KH
56-55-3	**Benzo(a)anthracene**	**0.0992**		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
50-32-8	**Benzo(a)pyrene**	**0.0860**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0948**		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.0459**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0919**		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH

Sample Information

Client Sample ID: SB10_0-1 **York Sample ID:** 17C0482-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:30 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	**Benzyl butyl phthalate**	**0.0510**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**0.114**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.249**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	03/20/2017 07:57	03/21/2017 23:22	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB10_0-1 **York Sample ID:** 17C0482-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:30 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
85-01-8	**Phenanthrene**	**0.122**		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH
129-00-0	**Pyrene**	**0.192**		mg/kg dry	0.0457	0.0912	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:22	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*31.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*32.0 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*27.5 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*37.6 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*50.1 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*36.7 %*	*24-116*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/18/2017 01:11	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0361	0.0361	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA

Sample Information

Client Sample ID: SB10_0-1 **York Sample ID:** 17C0482-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:30 am	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
72-20-8	Endrin	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/18/2017 01:11	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	0.180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:11	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56	03/18/2017 01:11	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:00	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:00	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:00	SA

Sample Information

Client Sample ID: SB10_0-1 **York Sample ID:** 17C0482-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:30 am	03/13/2017

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:00	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:00	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:00	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:00	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 23:00	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.5 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9470**		mg/kg dry	5.47	5.47	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV
7440-36-0	Antimony	ND		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV
7440-38-2	**Arsenic**	**4.42**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV
7440-39-3	**Barium**	**70.5**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV
7440-41-7	**Beryllium**	**0.352**		mg/kg dry	0.109	0.109	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.328	0.328	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV
7440-70-2	**Calcium**	**9110**		mg/kg dry	0.547	5.47	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV
7440-47-3	**Chromium**	**24.1**		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV
7440-48-4	**Cobalt**	**11.2**		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV
7440-50-8	**Copper**	**34.7**		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV
7439-89-6	**Iron**	**23300**		mg/kg dry	2.19	2.19	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV
7439-92-1	**Lead**	**133**		mg/kg dry	0.328	0.328	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV
7439-95-4	**Magnesium**	**4960**		mg/kg dry	5.47	5.47	1	EPA 6010C Certifications:	03/17/2017 10:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 22:51	KV

Sample Information

Client Sample ID: SB10_0-1 **York Sample ID:** 17C0482-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:30 am	03/13/2017

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**463**		mg/kg dry	0.547	0.547	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:51	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**50.1**		mg/kg dry	0.547	0.547	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:51	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1980**		mg/kg dry	5.47	5.47	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:51	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.97**		mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:51	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.547	0.547	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:51	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**1130**		mg/kg dry	10.9	10.9	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:51	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:51	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**44.7**		mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:51	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**63.6**		mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:51	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.970**		mg/kg dry	0.0328	0.0328	1	EPA 7473	03/16/2017 06:25	03/16/2017 11:16	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.4**		%	0.100	0.100	1	SM 2540G	03/20/2017 11:44	03/20/2017 14:14	TAJ
								Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.383	0.547	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB10_0-1 **York Sample ID:** 17C0482-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:30 am	03/13/2017

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	24.1		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.547	0.547	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_5-6 **York Sample ID:** 17C0482-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:55 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:56	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:56	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:56	SS
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	03/17/2017 13:52	03/18/2017 04:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB10_5-6 **York Sample ID:** 17C0482-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:55 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.083	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS NELAC-NY10854,NJDEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP
67-64-1	**Acetone**	**0.0080**	J	mg/kg dry	0.0041	0.0083	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP
107-02-8	Acrolein	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 04:56	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: SB10_5-6 **York Sample ID:** 17C0482-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:55 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 04:56	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0083	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 04:56	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 04:56	SS

Sample Information

Client Sample ID: SB10_5-6 **York Sample ID:** 17C0482-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:55 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 04:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 04:56	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.1 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.1 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 23:55	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 23:55	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 23:55	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH

Sample Information

Client Sample ID: SB10_5-6 **York Sample ID:** 17C0482-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:55 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB10_5-6 **York Sample ID:** 17C0482-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:55 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.0802**	J	mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.0751**	J	mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0809**	J	mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0845**	J	mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.132**		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 23:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB10_5-6 **York Sample ID:** 17C0482-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:55 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
206-44-0	**Fluoranthene**	**0.258**		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
85-01-8	**Phenanthrene**	**0.186**		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH
129-00-0	**Pyrene**	**0.207**		mg/kg dry	0.0453	0.0903	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 23:55	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*43.2 %*	*20-108*

Sample Information

Client Sample ID: SB10_5-6 **York Sample ID:** 17C0482-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:55 am	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: Phenol-d5*	*43.1 %*			*23-114*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*40.1 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.5 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*69.0 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*41.6 %*			*24-116*						

Pesticides, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/18/2017 01:26	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0357	0.0357	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
72-20-8	Endrin	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA

Sample Information

Client Sample ID: SB10_5-6 **York Sample ID:** 17C0482-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:55 am	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/18/2017 01:26	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	0.179	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:26	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00179	0.00179	5	EPA 8081B Certifications:	03/17/2017 08:56	03/18/2017 01:26	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:24	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:24	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:24	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:24	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:24	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:24	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 23:24	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	03/17/2017 08:56	03/17/2017 23:24	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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

Sample Information

Client Sample ID: SB10_5-6 **York Sample ID:** 17C0482-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:55 am	03/13/2017

7429-90-5	**Aluminum**	**7730**	mg/kg dry	5.42	5.42	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND	mg/kg dry	0.542	0.542	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**2.64**	mg/kg dry	1.08	1.08	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**80.5**	mg/kg dry	1.08	1.08	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.311**	mg/kg dry	0.108	0.108	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND	mg/kg dry	0.325	0.325	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1320**	mg/kg dry	0.542	5.42	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**21.9**	mg/kg dry	0.542	0.542	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.61**	mg/kg dry	0.542	0.542	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**29.4**	mg/kg dry	0.542	0.542	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14700**	mg/kg dry	2.17	2.17	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**83.0**	mg/kg dry	0.325	0.325	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3180**	mg/kg dry	5.42	5.42	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**469**	mg/kg dry	0.542	0.542	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**45.2**	mg/kg dry	0.542	0.542	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1350**	mg/kg dry	5.42	5.42	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.26**	mg/kg dry	1.08	1.08	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND	mg/kg dry	0.542	0.542	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**367**	mg/kg dry	10.8	10.8	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND	mg/kg dry	1.08	1.08	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**32.2**	mg/kg dry	1.08	1.08	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**57.7**	mg/kg dry	1.08	1.08	1	EPA 6010C	03/17/2017 10:27	03/17/2017 22:56	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB10_5-6 **York Sample ID:** 17C0482-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 11:55 am	03/13/2017

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.321**		mg/kg dry	0.0325	0.0325	1	EPA 7473	03/16/2017 06:25	03/16/2017 11:28	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.3**		%	0.100	0.100	1	SM 2540G	03/20/2017 11:44	03/20/2017 14:14	TAJ
								Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.379	0.542	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**21.9**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.542	0.542	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SB11_0-1 **York Sample ID:** 17C0482-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:15 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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

Sample Information

Client Sample ID: SB11_0-1 **York Sample ID:** 17C0482-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:15 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.040	0.079	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS

Sample Information

Client Sample ID: SB11_0-1 **York Sample ID:** 17C0482-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:15 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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**	**0.095**		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
71-43-2	Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:26	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:26	SS

Sample Information

Client Sample ID: SB11_0-1 **York Sample ID:** 17C0482-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:15 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 05:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 05:26	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 05:26	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 05:26	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 05:26	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 05:26	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 05:26	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0040	0.0079	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854	03/18/2017 05:26	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 05:26	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 05:26	SS
100-42-5	Styrene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 05:26	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 NELAC-NY10854,NJDEP	03/18/2017 05:26	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 05:26	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 05:26	SS
108-88-3	Toluene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 05:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP	03/18/2017 05:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 05:26	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 05:26	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 05:26	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0020	0.0040	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 05:26	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0060	0.012	1	EPA 8260C Certifications:	03/17/2017 13:52 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 05:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*76-130*

Sample Information

Client Sample ID: SB11_0-1 **York Sample ID:** 17C0482-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:15 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/22/2017 00:27	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/22/2017 00:27	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/22/2017 00:27	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH

Sample Information

Client Sample ID: SB11_0-1 **York Sample ID:** 17C0482-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:15 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB11_0-1 **York Sample ID:** 17C0482-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:15 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB11_0-1 **York Sample ID:** 17C0482-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:15 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 00:27	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*39.1 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*39.0 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*36.4 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*47.3 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*55.5 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*35.8 %*	*24-116*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/18/2017 01:41	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0360	0.0360	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA

Sample Information

Client Sample ID: SB11_0-1 **York Sample ID:** 17C0482-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:15 pm	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
72-20-8	Endrin	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/18/2017 01:41	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	0.180	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 01:41	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00180	0.00180	5	EPA 8081B Certifications:	03/17/2017 08:56	03/18/2017 01:41	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.3 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2017 00:12	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2017 00:12	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2017 00:12	SA

Sample Information

Client Sample ID: SB11_0-1 **York Sample ID:** 17C0482-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:15 pm	03/13/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/18/2017 00:12	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/18/2017 00:12	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/18/2017 00:12	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/18/2017 00:12	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	03/17/2017 08:56	03/18/2017 00:12	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.5 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5690**		mg/kg dry	5.45	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV
7440-36-0	Antimony	ND		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV
7440-38-2	**Arsenic**	**4.25**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV
7440-39-3	**Barium**	**86.8**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV
7440-41-7	**Beryllium**	**0.337**		mg/kg dry	0.109	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.327	0.327	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV
7440-70-2	**Calcium**	**10100**		mg/kg dry	0.545	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV
7440-47-3	**Chromium**	**19.4**		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV
7440-48-4	**Cobalt**	**7.48**		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV
7440-50-8	**Copper**	**38.7**		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV
7439-89-6	**Iron**	**14800**		mg/kg dry	2.18	2.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV
7439-92-1	**Lead**	**139**		mg/kg dry	0.327	0.327	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV
7439-95-4	**Magnesium**	**2690**		mg/kg dry	5.45	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:01	KV

Sample Information

Client Sample ID: SB11_0-1 **York Sample ID:** 17C0482-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:15 pm	03/13/2017

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**330**		mg/kg dry	0.545	0.545	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:01	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**31.3**		mg/kg dry	0.545	0.545	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:01	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**988**		mg/kg dry	5.45	5.45	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:01	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**1.35**		mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:01	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.545	0.545	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:01	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**739**		mg/kg dry	10.9	10.9	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:01	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:01	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**21.1**		mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:01	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**82.5**		mg/kg dry	1.09	1.09	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:01	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.238**		mg/kg dry	0.0327	0.0327	1	EPA 7473	03/16/2017 06:25	03/16/2017 11:37	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.8**		%	0.100	0.100	1	SM 2540G	03/20/2017 11:44	03/20/2017 14:14	TAJ
								Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.381	0.545	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB11_0-1 **York Sample ID:** 17C0482-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:15 pm	03/13/2017

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.4		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.545	0.545	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_4-5 **York Sample ID:** 17C0482-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:20 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/17/2017 13:52	03/18/2017 05:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/17/2017 13:52	03/18/2017 05:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/17/2017 13:52	03/18/2017 05:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/17/2017 13:52	03/18/2017 05:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/17/2017 13:52	03/18/2017 05:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/17/2017 13:52	03/18/2017 05:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/17/2017 13:52	03/18/2017 05:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/17/2017 13:52	03/18/2017 05:56	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/17/2017 13:52	03/18/2017 05:56	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/17/2017 13:52	03/18/2017 05:56	SS
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/17/2017 13:52	03/18/2017 05:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	03/17/2017 13:52	03/18/2017 05:56	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: SB11_4-5 **York Sample ID:** 17C0482-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:20 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.062	0.12	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 NELAC-NY10854,NJDEP	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
67-64-1	**Acetone**	**0.021**		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
107-02-8	Acrolein	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 NELAC-NY10854,NJDEP	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: SB11_4-5 **York Sample ID:** 17C0482-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:20 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 NELAC-NY10854,NJDEP	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 NELAC-NY10854,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 NELAC-NY10854,NJDEP	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 NELAC-NY10854,NJDEP	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 NELAC-NY10854,NJDEP	SS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 NELAC-NY10854,NJDEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 NELAC-NY10854,NJDEP	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 CTDOH,NELAC-NY10854,NJDEP	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 05:56 NELAC-NY10854,NJDEP	SS

Sample Information

Client Sample ID: **SB11_4-5** **York Sample ID:** **17C0482-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:20 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:56	SS
127-18-4	**Tetrachloroethylene**	**0.0045**	J	mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:56	SS
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 05:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:56	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:56	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:56	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:56	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0093	0.019	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 05:56	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.9 %*	*76-130*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/22/2017 10:03	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/22/2017 10:03	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/22/2017 10:03	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/20/2017 07:57	03/22/2017 10:03	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/22/2017 10:03	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/20/2017 07:57	03/22/2017 10:03	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/20/2017 07:57	03/22/2017 10:03	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/22/2017 10:03	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:57	03/22/2017 10:03	SR

Sample Information

Client Sample ID: SB11_4-5 **York Sample ID:** 17C0482-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:20 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 NELAC-NY10854,NJDEP,PADEP	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
83-32-9	**Acenaphthene**	**0.0571**	J	mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: **SB11_4-5** **York Sample ID:** **17C0482-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:20 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
208-96-8	**Acenaphthylene**	**0.124**		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.191	0.382	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.322**		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.191	0.382	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.70**		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**1.98**		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.76**		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.51**	CCV-E	mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.81**		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0953	0.190	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.527**		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**2.09**		mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.658**	CCV-E	mg/kg dry	0.0478	0.0953	2	EPA 8270D	03/20/2017 07:57	03/22/2017 10:03	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_4-5 **York Sample ID:** 17C0482-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:20 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
206-44-0	**Fluoranthene**	**5.35**		mg/kg dry	0.119	0.238	5	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 11:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**0.0777**	J	mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 NELAC-NY10854,NJDEP,PADEP	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.43**	CCV-E	mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
78-59-1	Isophorone	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-20-3	Naphthalene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
85-01-8	**Phenanthrene**	**2.22**		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
108-95-2	Phenol	ND		mg/kg dry	0.0478	0.0953	2	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 10:03 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
129-00-0	**Pyrene**	**3.90**		mg/kg dry	0.119	0.238	5	EPA 8270D Certifications:	03/20/2017 07:57	03/22/2017 11:39 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*37.1 %*	*20-108*

Sample Information

Client Sample ID: SB11_4-5 **York Sample ID:** 17C0482-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:20 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: Phenol-d5*	*40.5 %*			*23-114*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*48.4 %*			*22-108*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*47.9 %*			*21-113*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*64.9 %*			*19-110*						
1718-51-0	*Surrogate: Terphenyl-d14*	*36.9 %*			*24-116*						

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 NELAC-NY10854,NJDEP	03/21/2017 10:31	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0377	0.0377	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
72-20-8	Endrin	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA

Sample Information

Client Sample ID: SB11_4-5 **York Sample ID:** 17C0482-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:20 pm	03/13/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 NELAC-NY10854,NJDEP	03/21/2017 10:31	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.189	0.189	5	EPA 8081B Certifications:	03/21/2017 06:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 10:31	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00189	0.00189	5	EPA 8081B Certifications:	03/21/2017 06:44	03/21/2017 10:31	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*32.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:46	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:46	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:46	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:46	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:46	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:46	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	03/21/2017 06:44 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:46	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	03/21/2017 06:44	03/21/2017 10:46	SA

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.5 %*		*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*29.0 %*	GC-Surr	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB11_4-5 **York Sample ID:** 17C0482-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:20 pm	03/13/2017

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5400**		mg/kg dry	5.71	5.71	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.571	0.571	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**7.22**		mg/kg dry	1.14	1.14	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**112**		mg/kg dry	1.14	1.14	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.400**		mg/kg dry	0.114	0.114	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.343	0.343	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**19100**		mg/kg dry	0.571	5.71	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**11.5**		mg/kg dry	0.571	0.571	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.03**		mg/kg dry	0.571	0.571	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**53.9**		mg/kg dry	0.571	0.571	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**9040**		mg/kg dry	2.29	2.29	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**286**		mg/kg dry	0.343	0.343	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1990**		mg/kg dry	5.71	5.71	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**172**		mg/kg dry	0.571	0.571	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**18.8**		mg/kg dry	0.571	0.571	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**858**		mg/kg dry	5.71	5.71	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.571	0.571	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**1110**		mg/kg dry	11.4	11.4	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**16.9**		mg/kg dry	1.14	1.14	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**97.7**		mg/kg dry	1.14	1.14	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_4-5 **York Sample ID:** 17C0482-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 2:20 pm	03/13/2017

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.75**		mg/kg dry	0.0343	0.0343	1	EPA 7473	03/16/2017 06:25	03/16/2017 11:46	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.5**		%	0.100	0.100	1	SM 2540G	03/20/2017 13:09	03/20/2017 14:59	TAJ
								Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.400	0.571	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.5**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.571	0.571	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: SBDUP01_031217 **York Sample ID:** 17C0482-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 3:00 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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

Sample Information

Client Sample ID: **SBDUP01_031217** **York Sample ID:** **17C0482-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 3:00 pm	03/13/2017

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
67-64-1	**Acetone**	**0.019**		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS

Sample Information

Client Sample ID: SBDUP01_031217 **York Sample ID:** 17C0482-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 3:00 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS CTDOH,NELAC-NY10854,NJDEP
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	03/17/2017 13:52	03/18/2017 06:27	SS NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: SBDUP01_031217 **York Sample ID:** 17C0482-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 3:00 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	03/17/2017 13:52	03/18/2017 06:27	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	03/17/2017 13:52	03/18/2017 06:27	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
127-18-4	**Tetrachloroethylene**	**0.0064**		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/17/2017 13:52	03/18/2017 06:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 13:52	03/18/2017 06:27	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*76-130*

Sample Information

Client Sample ID: SBDUP01_031217 **York Sample ID:** 17C0482-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 3:00 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 20:42	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 20:42	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,PADEP	03/21/2017 20:42	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR

Sample Information

Client Sample ID: SBDUP01_031217 **York Sample ID:** 17C0482-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
83-32-9	Acenaphthene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
208-96-8	**Acenaphthylene**	**0.0516**	J	mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 NELAC-NY10854,NJDEP,PADEP	SR
62-53-3	Aniline	ND		mg/kg dry	0.190	0.380	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 NELAC-NY10854,NJDEP,PADEP	SR
120-12-7	**Anthracene**	**0.0941**	J	mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 NELAC-NY10854,NJDEP,PADEP	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 NELAC-NY10854,NJDEP,PADEP	SR
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.380	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,PADEP	SR
56-55-3	**Benzo(a)anthracene**	**0.464**		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
50-32-8	**Benzo(a)pyrene**	**0.581**		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
205-99-2	**Benzo(b)fluoranthene**	**0.514**		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
191-24-2	**Benzo(g,h,i)perylene**	**0.447**		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
207-08-9	**Benzo(k)fluoranthene**	**0.564**		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65-85-0	Benzoic acid	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 NELAC-NY10854,NJDEP,PADEP	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57	03/21/2017 20:42 NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: SBDUP01_031217 **York Sample ID:** 17C0482-17

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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.0949	0.190	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
86-74-8	**Carbazole**	**0.102**		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
218-01-9	**Chrysene**	**0.552**		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
53-70-3	**Dibenzo(a,h)anthracene**	**0.187**	CCV-E	mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
206-44-0	**Fluoranthene**	**1.16**		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
86-73-7	Fluorene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.410**	CCV-E	mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
78-59-1	Isophorone	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
91-20-3	Naphthalene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR

Sample Information

Client Sample ID: SBDUP01_031217 **York Sample ID:** 17C0482-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 3:00 pm	03/13/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
85-01-8	**Phenanthrene**	**0.367**		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
108-95-2	Phenol	ND		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR
129-00-0	**Pyrene**	**0.874**		mg/kg dry	0.0476	0.0949	2	EPA 8270D Certifications:	03/20/2017 07:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 20:42	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*36.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*38.4 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*47.3 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*48.9 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*67.4 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*34.6 %*	*24-116*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
309-00-2	Aldrin	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/18/2017 02:12	SA
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
57-74-9	Chlordane, total	ND		mg/kg dry	0.0376	0.0376	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA

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Pesticides, NJDEP/TCL/Part 375 List

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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
72-20-8	Endrin	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 NELAC-NY10854,NJDEP	03/18/2017 02:12	SA
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
72-43-5	Methoxychlor	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
8001-35-2	Toxaphene	ND		mg/kg dry	0.188	0.188	5	EPA 8081B Certifications:	03/17/2017 08:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/18/2017 02:12	SA
	* Chlordane, total (alpha, gamma)	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	03/17/2017 08:56	03/18/2017 02:12	SA

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*27.8 %*	GC-Surr	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*30.1 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2017 01:00	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2017 01:00	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	03/17/2017 08:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2017 01:00	SA

Sample Information

Client Sample ID: SBDUP01_031217 **York Sample ID:** 17C0482-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 3:00 pm	03/13/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/18/2017 01:00	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/18/2017 01:00	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/18/2017 01:00	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/17/2017 08:56	03/18/2017 01:00	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	03/17/2017 08:56	03/18/2017 01:00	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*30.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3700**		mg/kg dry	5.69	5.69	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV
7440-36-0	Antimony	ND		mg/kg dry	0.569	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV
7440-38-2	**Arsenic**	**5.41**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV
7440-39-3	**Barium**	**61.7**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV
7440-41-7	**Beryllium**	**0.193**		mg/kg dry	0.114	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.341	0.341	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV
7440-70-2	**Calcium**	**15300**		mg/kg dry	0.569	5.69	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV
7440-47-3	**Chromium**	**10.5**		mg/kg dry	0.569	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV
7440-48-4	**Cobalt**	**4.34**		mg/kg dry	0.569	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV
7440-50-8	**Copper**	**41.8**		mg/kg dry	0.569	0.569	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV
7439-89-6	**Iron**	**8370**		mg/kg dry	2.28	2.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV
7439-92-1	**Lead**	**127**		mg/kg dry	0.341	0.341	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV
7439-95-4	**Magnesium**	**1590**		mg/kg dry	5.69	5.69	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/17/2017 10:27	03/17/2017 23:23	KV

Sample Information

Client Sample ID: SBDUP01_031217 **York Sample ID:** 17C0482-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 3:00 pm	03/13/2017

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**145**		mg/kg dry	0.569	0.569	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.1**		mg/kg dry	0.569	0.569	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**717**		mg/kg dry	5.69	5.69	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.569	0.569	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**802**		mg/kg dry	11.4	11.4	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**12.0**		mg/kg dry	1.14	1.14	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**75.3**		mg/kg dry	1.14	1.14	1	EPA 6010C	03/17/2017 10:27	03/17/2017 23:23	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.605**		mg/kg dry	0.0341	0.0341	1	EPA 7473	03/16/2017 06:25	03/16/2017 11:58	KV
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.9**		%	0.100	0.100	1	SM 2540G	03/20/2017 13:09	03/20/2017 14:59	TAJ
								Certifications:	CTDOH		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.398	0.569	1	EPA 7196A	03/21/2017 09:07	03/21/2017 15:12	DM1
								Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

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

Sample Information

Client Sample ID: SBDUP01_031217 **York Sample ID:** 17C0482-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0482	170362501 335 Bond Street	Soil	March 12, 2017 3:00 pm	03/13/2017

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**10.5**		mg/kg	0.250	0.500	1	Calculation	03/21/2017 13:16	03/21/2017 15:43	PAM
								Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.569	0.569	1	EPA 9014/9010C	03/21/2017 08:22	03/21/2017 14:08	AD
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BC70668 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17C0482-01	SB06_7.5-8	03/16/17
17C0482-02	SB06_8-9	03/16/17
17C0482-03	SB12_0-1	03/16/17
17C0482-04	SB12_4.5-5	03/16/17
17C0482-05	SB14_0.5-1.5	03/16/17
17C0482-06	SB14_5-6	03/16/17
17C0482-07	SB08_0-1	03/16/17
17C0482-08	SB08_5-6	03/16/17
17C0482-09	SB07_0-1	03/16/17
17C0482-10	SB07_5-6	03/16/17
17C0482-11	SB09_0-1	03/16/17
17C0482-12	SB09_7.5-8	03/16/17
17C0482-13	SB10_0-1	03/16/17
17C0482-14	SB10_5-6	03/16/17
17C0482-15	SB11_0-1	03/16/17
17C0482-16	SB11_4-5	03/16/17
17C0482-17	SBDUP01_031217	03/16/17
BC70668-BLK1	Blank	03/16/17
BC70668-DUP1	Duplicate	03/16/17
BC70668-MS1	Matrix Spike	03/16/17
BC70668-SRM1	Reference	03/16/17

Batch ID: BC70729 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
17C0482-01	SB06_7.5-8	03/17/17
17C0482-01	SB06_7.5-8	03/17/17
17C0482-02	SB06_8-9	03/17/17
17C0482-02	SB06_8-9	03/17/17
17C0482-03	SB12_0-1	03/17/17
17C0482-03	SB12_0-1	03/17/17
17C0482-04	SB12_4.5-5	03/17/17
17C0482-04	SB12_4.5-5	03/17/17
17C0482-05	SB14_0.5-1.5	03/17/17
17C0482-05	SB14_0.5-1.5	03/17/17
17C0482-06	SB14_5-6	03/17/17
17C0482-06	SB14_5-6	03/17/17
17C0482-07	SB08_0-1	03/17/17
17C0482-07	SB08_0-1	03/17/17
17C0482-08	SB08_5-6	03/17/17
17C0482-08	SB08_5-6	03/17/17
17C0482-09	SB07_0-1	03/17/17
17C0482-09	SB07_0-1	03/17/17
17C0482-10	SB07_5-6	03/17/17
17C0482-10	SB07_5-6	03/17/17
17C0482-11	SB09_0-1	03/17/17

17C0482-11	SB09_0-1	03/17/17
17C0482-13	SB10_0-1	03/17/17
17C0482-13	SB10_0-1	03/17/17
17C0482-14	SB10_5-6	03/17/17
17C0482-14	SB10_5-6	03/17/17
17C0482-15	SB11_0-1	03/17/17
17C0482-15	SB11_0-1	03/17/17
17C0482-17	SBDUP01_031217	03/17/17
17C0482-17	SBDUP01_031217	03/17/17
BC70729-BLK1	Blank	03/17/17
BC70729-BLK2	Blank	03/17/17
BC70729-BS1	LCS	03/17/17
BC70729-BS2	LCS	03/17/17
BC70729-MS1	Matrix Spike	03/17/17
BC70729-MSD1	Matrix Spike Dup	03/17/17

Batch ID: BC70740 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17C0482-02	SB06_8-9	03/17/17
17C0482-03	SB12_0-1	03/17/17
BC70740-BLK1	Blank	03/17/17
BC70740-BS1	LCS	03/17/17
BC70740-BSD1	LCS Dup	03/17/17

Batch ID: BC70759 **Preparation Method:** EPA 3050B **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17C0482-01	SB06_7.5-8	03/17/17
17C0482-02	SB06_8-9	03/17/17
17C0482-03	SB12_0-1	03/17/17
17C0482-04	SB12_4.5-5	03/17/17
17C0482-05	SB14_0.5-1.5	03/17/17
17C0482-06	SB14_5-6	03/17/17
17C0482-07	SB08_0-1	03/17/17
17C0482-08	SB08_5-6	03/17/17
17C0482-09	SB07_0-1	03/17/17
17C0482-10	SB07_5-6	03/17/17
17C0482-11	SB09_0-1	03/17/17
17C0482-12	SB09_7.5-8	03/17/17
17C0482-13	SB10_0-1	03/17/17
17C0482-14	SB10_5-6	03/17/17
17C0482-15	SB11_0-1	03/17/17
17C0482-16	SB11_4-5	03/17/17
17C0482-17	SBDUP01_031217	03/17/17
BC70759-BLK1	Blank	03/17/17
BC70759-DUP1	Duplicate	03/17/17
BC70759-MS1	Matrix Spike	03/17/17
BC70759-SRM1	Reference	03/17/17

Batch ID: BC70781 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17C0482-04	SB12_4.5-5	03/17/17
17C0482-05	SB14_0.5-1.5	03/17/17
17C0482-06	SB14_5-6	03/17/17
17C0482-07	SB08_0-1	03/17/17
17C0482-08	SB08_5-6	03/17/17
17C0482-09	SB07_0-1	03/17/17
17C0482-10	SB07_5-6	03/17/17
17C0482-11	SB09_0-1	03/17/17
17C0482-12	SB09_7.5-8	03/17/17
17C0482-13	SB10_0-1	03/17/17
17C0482-14	SB10_5-6	03/17/17
17C0482-15	SB11_0-1	03/17/17
17C0482-16	SB11_4-5	03/17/17
17C0482-17	SBDUP01_031217	03/17/17
BC70781-BLK1	Blank	03/17/17
BC70781-BS1	LCS	03/17/17
BC70781-BSD1	LCS Dup	03/17/17

Batch ID: BC70816 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
17C0482-01	SB06_7.5-8	03/20/17
17C0482-02	SB06_8-9	03/20/17
17C0482-03	SB12_0-1	03/20/17
17C0482-04	SB12_4.5-5	03/20/17
17C0482-05	SB14_0.5-1.5	03/20/17
17C0482-06	SB14_5-6	03/20/17
17C0482-07	SB08_0-1	03/20/17
17C0482-08	SB08_5-6	03/20/17
17C0482-09	SB07_0-1	03/20/17
17C0482-10	SB07_5-6	03/20/17
17C0482-11	SB09_0-1	03/20/17
17C0482-12	SB09_7.5-8	03/20/17
17C0482-13	SB10_0-1	03/20/17
17C0482-14	SB10_5-6	03/20/17
17C0482-15	SB11_0-1	03/20/17
17C0482-16	SB11_4-5	03/20/17
17C0482-17	SBDUP01_031217	03/20/17
BC70816-BLK1	Blank	03/20/17
BC70816-BS1	LCS	03/20/17
BC70816-MS1	Matrix Spike	03/20/17
BC70816-MSD1	Matrix Spike Dup	03/20/17

Batch ID: BC70821 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17C0482-01	SB06_7.5-8	03/20/17
BC70821-BLK1	Blank	03/20/17

BC70821-BLK2	Blank	03/20/17
BC70821-BS1	LCS	03/20/17
BC70821-BSD1	LCS Dup	03/20/17

Batch ID: BC70842 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
17C0482-01	SB06_7.5-8	03/20/17
17C0482-05	SB14_0.5-1.5	03/20/17
17C0482-07	SB08_0-1	03/20/17
17C0482-08	SB08_5-6	03/20/17
17C0482-09	SB07_0-1	03/20/17
17C0482-10	SB07_5-6	03/20/17
17C0482-11	SB09_0-1	03/20/17
17C0482-12	SB09_7.5-8	03/20/17
17C0482-13	SB10_0-1	03/20/17
17C0482-14	SB10_5-6	03/20/17
17C0482-15	SB11_0-1	03/20/17
BC70842-DUP1	Duplicate	03/20/17

Batch ID: BC70847 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
17C0482-02	SB06_8-9	03/20/17
17C0482-03	SB12_0-1	03/20/17
17C0482-04	SB12_4.5-5	03/20/17
17C0482-06	SB14_5-6	03/20/17
17C0482-16	SB11_4-5	03/20/17
17C0482-17	SBDUP01_031217	03/20/17
BC70847-DUP1	Duplicate	03/20/17
BC70847-DUP2	Duplicate	03/20/17
BC70847-DUP3	Duplicate	03/20/17
BC70847-DUP4	Duplicate	03/20/17

Batch ID: BC70867 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
17C0482-12	SB09_7.5-8	03/21/17
17C0482-12	SB09_7.5-8	03/21/17
17C0482-16	SB11_4-5	03/21/17
17C0482-16	SB11_4-5	03/21/17
BC70867-BLK1	Blank	03/21/17
BC70867-BLK2	Blank	03/21/17
BC70867-BS1	LCS	03/21/17
BC70867-BS2	LCS	03/21/17

Batch ID: BC70883 **Preparation Method:** Analysis Preparation Soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date

17C0482-01	SB06_7.5-8	03/21/17
17C0482-02	SB06_8-9	03/21/17
17C0482-03	SB12_0-1	03/21/17
17C0482-04	SB12_4.5-5	03/21/17
17C0482-05	SB14_0.5-1.5	03/21/17
17C0482-06	SB14_5-6	03/21/17
17C0482-07	SB08_0-1	03/21/17
17C0482-08	SB08_5-6	03/21/17
17C0482-09	SB07_0-1	03/21/17
17C0482-10	SB07_5-6	03/21/17
17C0482-11	SB09_0-1	03/21/17
17C0482-12	SB09_7.5-8	03/21/17
17C0482-13	SB10_0-1	03/21/17
17C0482-14	SB10_5-6	03/21/17
17C0482-15	SB11_0-1	03/21/17
17C0482-16	SB11_4-5	03/21/17
17C0482-17	SBDUP01_031217	03/21/17
BC70883-BLK1	Blank	03/21/17
BC70883-DUP1	Duplicate	03/21/17
BC70883-MS1	Matrix Spike	03/21/17
BC70883-SRM1	Reference	03/21/17

Batch ID: BC70886 **Preparation Method:** EPA SW846-3060 **Prepared By:** DM1

YORK Sample ID	Client Sample ID	Preparation Date
17C0482-01	SB06_7.5-8	03/21/17
17C0482-02	SB06_8-9	03/21/17
17C0482-03	SB12_0-1	03/21/17
17C0482-04	SB12_4.5-5	03/21/17
17C0482-05	SB14_0.5-1.5	03/21/17
17C0482-06	SB14_5-6	03/21/17
17C0482-07	SB08_0-1	03/21/17
17C0482-08	SB08_5-6	03/21/17
17C0482-09	SB07_0-1	03/21/17
17C0482-10	SB07_5-6	03/21/17
17C0482-11	SB09_0-1	03/21/17
17C0482-12	SB09_7.5-8	03/21/17
17C0482-13	SB10_0-1	03/21/17
17C0482-14	SB10_5-6	03/21/17
17C0482-15	SB11_0-1	03/21/17
17C0482-16	SB11_4-5	03/21/17
17C0482-17	SBDUP01_031217	03/21/17
BC70886-BLK1	Blank	03/21/17
BC70886-DUP1	Duplicate	03/21/17
BC70886-MS1	Matrix Spike	03/21/17
BC70886-SRM1	Reference	03/21/17

Batch ID: BC70903 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
17C0482-01	SB06_7.5-8	03/21/17

17C0482-02	SB06_8-9	03/21/17
17C0482-03	SB12_0-1	03/21/17
17C0482-04	SB12_4.5-5	03/21/17
17C0482-05	SB14_0.5-1.5	03/21/17
17C0482-06	SB14_5-6	03/21/17
17C0482-07	SB08_0-1	03/21/17
17C0482-08	SB08_5-6	03/21/17
17C0482-09	SB07_0-1	03/21/17
17C0482-10	SB07_5-6	03/21/17
17C0482-11	SB09_0-1	03/21/17
17C0482-12	SB09_7.5-8	03/21/17
17C0482-13	SB10_0-1	03/21/17
17C0482-14	SB10_5-6	03/21/17
17C0482-15	SB11_0-1	03/21/17
17C0482-16	SB11_4-5	03/21/17
17C0482-17	SBDUP01_031217	03/21/17

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 BC70740 - EPA 5035A											
Blank (BC70740-BLK1)									Prepared & Analyzed: 03/17/2017		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

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 BC70740 - EPA 5035A											
Blank (BC70740-BLK1)											Prepared & Analyzed: 03/17/2017
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				
LCS (BC70740-BS1)											Prepared & Analyzed: 03/17/2017
1,1,1,2-Tetrachloroethane	57		ug/L	50.0		114	75-129				
1,1,1-Trichloroethane	57		"	50.0		115	71-137				
1,1,2,2-Tetrachloroethane	54		"	50.0		108	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		93.6	58-146				
1,1,2-Trichloroethane	50		"	50.0		100	83-123				
1,1-Dichloroethane	54		"	50.0		108	75-130				
1,1-Dichloroethylene	48		"	50.0		96.4	64-137				
1,2,3-Trichlorobenzene	57		"	50.0		113	81-140				
1,2,3-Trichloropropane	54		"	50.0		108	81-126				
1,2,4-Trichlorobenzene	57		"	50.0		113	80-141				
1,2,4-Trimethylbenzene	55		"	50.0		109	84-125				
1,2-Dibromo-3-chloropropane	59		"	50.0		118	74-142				
1,2-Dibromoethane	54		"	50.0		108	86-123				
1,2-Dichlorobenzene	53		"	50.0		107	85-122				
1,2-Dichloroethane	56		"	50.0		112	71-133				
1,2-Dichloropropane	50		"	50.0		99.1	81-122				
1,3,5-Trimethylbenzene	54		"	50.0		107	82-126				
1,3-Dichlorobenzene	56		"	50.0		111	84-124				
1,4-Dichlorobenzene	55		"	50.0		109	84-124				
1,4-Dioxane	1200		"	1000		122	10-228				
2-Butanone	62		"	50.0		124	58-147				
2-Hexanone	54		"	50.0		109	70-139				
4-Methyl-2-pentanone	53		"	50.0		107	72-132				
Acetone	57		"	50.0		114	36-155				
Acrolein	42		"	50.0		84.7	10-238				
Acrylonitrile	55		"	50.0		110	66-141				
Benzene	56		"	50.0		112	77-127				
Bromochloromethane	51		"	50.0		103	74-129				
Bromodichloromethane	53		"	50.0		106	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 BC70740 - EPA 5035A											
LCS (BC70740-BS1)								Prepared & Analyzed: 03/17/2017			
Bromoform	58		ug/L	50.0		117	80-136				
Bromomethane	42		"	50.0		83.7	32-177				
Carbon disulfide	56		"	50.0		111	10-136				
Carbon tetrachloride	59		"	50.0		119	66-143				
Chlorobenzene	55		"	50.0		110	86-120				
Chloroethane	44		"	50.0		87.2	51-142				
Chloroform	57		"	50.0		114	76-131				
Chloromethane	47		"	50.0		94.2	49-132				
cis-1,2-Dichloroethylene	57		"	50.0		115	74-132				
cis-1,3-Dichloropropylene	52		"	50.0		105	81-129				
Cyclohexane	51		"	50.0		102	70-130				
Dibromochloromethane	55		"	50.0		111	10-200				
Dibromomethane	52		"	50.0		104	83-124				
Dichlorodifluoromethane	52		"	50.0		104	28-158				
Ethyl Benzene	55		"	50.0		110	84-125				
Hexachlorobutadiene	58		"	50.0		116	83-133				
Isopropylbenzene	54		"	50.0		108	81-127				
Methyl acetate	56		"	50.0		112	41-143				
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	74-131				
Methylcyclohexane	52		"	50.0		104	70-130				
Methylene chloride	52		"	50.0		104	57-141				
n-Butylbenzene	53		"	50.0		106	80-130				
n-Propylbenzene	53		"	50.0		107	74-136				
o-Xylene	54		"	50.0		108	83-123				
p- & m- Xylenes	110		"	100		108	82-128				
p-Isopropyltoluene	56		"	50.0		113	85-125				
sec-Butylbenzene	54		"	50.0		107	83-125				
Styrene	54		"	50.0		108	86-126				
tert-Butyl alcohol (TBA)	65		"	50.0		130	70-130				
tert-Butylbenzene	55		"	50.0		110	80-127				
Tetrachloroethylene	56		"	50.0		113	80-129				
Toluene	53		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	54		"	50.0		107	72-132				
trans-1,3-Dichloropropylene	54		"	50.0		108	78-132				
Trichloroethylene	54		"	50.0		108	84-123				
Trichlorofluoromethane	50		"	50.0		99.7	62-140				
Vinyl Chloride	51		"	50.0		102	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.8*		*"*	*50.0*		*104*	*77-125*				
Surrogate: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.5*	*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 BC70740 - EPA 5035A											
LCS Dup (BC70740-BSD1)							Prepared & Analyzed: 03/17/2017				
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	75-129		4.77	30	
1,1,1-Trichloroethane	54		"	50.0		108	71-137		5.95	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		107	79-129		1.80	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	58-146		7.03	30	
1,1,2-Trichloroethane	49		"	50.0		98.1	83-123		2.14	30	
1,1-Dichloroethane	51		"	50.0		103	75-130		5.36	30	
1,1-Dichloroethylene	48		"	50.0		96.1	64-137		0.312	30	
1,2,3-Trichlorobenzene	57		"	50.0		114	81-140		0.388	30	
1,2,3-Trichloropropane	52		"	50.0		103	81-126		4.91	30	
1,2,4-Trichlorobenzene	57		"	50.0		114	80-141		0.441	30	
1,2,4-Trimethylbenzene	53		"	50.0		106	84-125		3.13	30	
1,2-Dibromo-3-chloropropane	53		"	50.0		107	74-142		9.44	30	
1,2-Dibromoethane	53		"	50.0		107	86-123		1.01	30	
1,2-Dichlorobenzene	51		"	50.0		103	85-122		3.76	30	
1,2-Dichloroethane	52		"	50.0		103	71-133		7.91	30	
1,2-Dichloropropane	47		"	50.0		94.7	81-122		4.58	30	
1,3,5-Trimethylbenzene	52		"	50.0		104	82-126		2.95	30	
1,3-Dichlorobenzene	54		"	50.0		109	84-124		2.44	30	
1,4-Dichlorobenzene	54		"	50.0		107	84-124		2.07	30	
1,4-Dioxane	1100		"	1000		111	10-228		9.50	30	
2-Butanone	51		"	50.0		102	58-147		19.2	30	
2-Hexanone	51		"	50.0		102	70-139		5.98	30	
4-Methyl-2-pentanone	50		"	50.0		100	72-132		6.27	30	
Acetone	49		"	50.0		97.9	36-155		14.9	30	
Acrolein	37		"	50.0		74.1	10-238		13.3	30	
Acrylonitrile	50		"	50.0		100	66-141		9.65	30	
Benzene	53		"	50.0		105	77-127		5.87	30	
Bromochloromethane	48		"	50.0		95.5	74-129		7.46	30	
Bromodichloromethane	51		"	50.0		103	81-124		3.19	30	
Bromoform	56		"	50.0		112	80-136		3.74	30	
Bromomethane	38		"	50.0		75.9	32-177		9.77	30	
Carbon disulfide	53		"	50.0		106	10-136		4.73	30	
Carbon tetrachloride	55		"	50.0		110	66-143		7.78	30	
Chlorobenzene	54		"	50.0		107	86-120		2.37	30	
Chloroethane	39		"	50.0		77.5	51-142		11.7	30	
Chloroform	54		"	50.0		107	76-131		5.91	30	
Chloromethane	43		"	50.0		85.1	49-132		10.2	30	
cis-1,2-Dichloroethylene	53		"	50.0		106	74-132		8.16	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129		3.02	30	
Cyclohexane	48		"	50.0		95.6	70-130		6.59	30	
Dibromochloromethane	55		"	50.0		111	10-200		0.0903	30	
Dibromomethane	51		"	50.0		101	83-124		2.44	30	
Dichlorodifluoromethane	48		"	50.0		96.8	28-158		7.00	30	
Ethyl Benzene	52		"	50.0		105	84-125		4.52	30	
Hexachlorobutadiene	59		"	50.0		117	83-133		1.24	30	
Isopropylbenzene	53		"	50.0		105	81-127		2.92	30	
Methyl acetate	52		"	50.0		104	41-143		7.87	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	74-131		6.43	30	
Methylcyclohexane	49		"	50.0		98.8	70-130		4.90	30	
Methylene chloride	49		"	50.0		97.0	57-141		6.46	30	
n-Butylbenzene	51		"	50.0		102	80-130		3.81	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 BC70740 - EPA 5035A											
LCS Dup (BC70740-BSD1)								Prepared & Analyzed: 03/17/2017			
n-Propylbenzene	53		ug/L	50.0		105	74-136		1.81	30	
o-Xylene	51		"	50.0		102	83-123		6.09	30	
p- & m- Xylenes	100		"	100		104	82-128		4.05	30	
p-Isopropyltoluene	55		"	50.0		109	85-125		3.16	30	
sec-Butylbenzene	52		"	50.0		104	83-125		2.70	30	
Styrene	52		"	50.0		104	86-126		4.18	30	
tert-Butyl alcohol (TBA)	55		"	50.0		110	70-130		16.0	30	
tert-Butylbenzene	53		"	50.0		106	80-127		3.61	30	
Tetrachloroethylene	54		"	50.0		109	80-129		3.57	30	
Toluene	50		"	50.0		101	85-121		4.14	30	
trans-1,2-Dichloroethylene	50		"	50.0		100	72-132		6.69	30	
trans-1,3-Dichloropropylene	52		"	50.0		104	78-132		3.78	30	
Trichloroethylene	51		"	50.0		103	84-123		4.99	30	
Trichlorofluoromethane	44		"	50.0		87.2	62-140		13.3	30	
Vinyl Chloride	45		"	50.0		90.6	52-130		12.1	30	
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.1*		*"*	*50.0*		*102*	*76-130*				
Batch BC70781 - EPA 5035A											
Blank (BC70781-BLK1)								Prepared & Analyzed: 03/17/2017			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70781 - EPA 5035A											
Blank (BC70781-BLK1)									Prepared & Analyzed: 03/17/2017		
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*51.4*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*49.6*		*"*	*50.0*		*99.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*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 BC70781 - EPA 5035A											
LCS (BC70781-BS1)								Prepared & Analyzed: 03/17/2017			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		109	75-129				
1,1,1-Trichloroethane	57		"	50.0		113	71-137				
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		111	58-146				
1,1,2-Trichloroethane	50		"	50.0		99.2	83-123				
1,1-Dichloroethane	52		"	50.0		105	75-130				
1,1-Dichloroethylene	53		"	50.0		106	64-137				
1,2,3-Trichlorobenzene	54		"	50.0		109	81-140				
1,2,3-Trichloropropane	53		"	50.0		105	81-126				
1,2,4-Trichlorobenzene	53		"	50.0		106	80-141				
1,2,4-Trimethylbenzene	55		"	50.0		109	84-125				
1,2-Dibromo-3-chloropropane	53		"	50.0		105	74-142				
1,2-Dibromoethane	53		"	50.0		106	86-123				
1,2-Dichlorobenzene	52		"	50.0		104	85-122				
1,2-Dichloroethane	53		"	50.0		106	71-133				
1,2-Dichloropropane	47		"	50.0		94.5	81-122				
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126				
1,3-Dichlorobenzene	54		"	50.0		108	84-124				
1,4-Dichlorobenzene	52		"	50.0		104	84-124				
1,4-Dioxane	1100		"	1000		108	10-228				
2-Butanone	50		"	50.0		99.5	58-147				
2-Hexanone	48		"	50.0		96.0	70-139				
4-Methyl-2-pentanone	48		"	50.0		95.7	72-132				
Acetone	51		"	50.0		102	36-155				
Acrolein	40		"	50.0		80.6	10-238				
Acrylonitrile	52		"	50.0		104	66-141				
Benzene	55		"	50.0		110	77-127				
Bromochloromethane	50		"	50.0		99.6	74-129				
Bromodichloromethane	51		"	50.0		102	81-124				
Bromoform	56		"	50.0		112	80-136				
Bromomethane	35		"	50.0		70.6	32-177				
Carbon disulfide	55		"	50.0		109	10-136				
Carbon tetrachloride	57		"	50.0		113	66-143				
Chlorobenzene	54		"	50.0		109	86-120				
Chloroethane	46		"	50.0		91.1	51-142				
Chloroform	55		"	50.0		110	76-131				
Chloromethane	45		"	50.0		89.5	49-132				
cis-1,2-Dichloroethylene	56		"	50.0		112	74-132				
cis-1,3-Dichloropropylene	48		"	50.0		96.3	81-129				
Cyclohexane	51		"	50.0		103	70-130				
Dibromochloromethane	55		"	50.0		109	10-200				
Dibromomethane	51		"	50.0		101	83-124				
Dichlorodifluoromethane	50		"	50.0		100	28-158				
Ethyl Benzene	53		"	50.0		107	84-125				
Hexachlorobutadiene	55		"	50.0		111	83-133				
Isopropylbenzene	55		"	50.0		109	81-127				
Methyl acetate	52		"	50.0		104	41-143				
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	74-131				
Methylcyclohexane	51		"	50.0		102	70-130				
Methylene chloride	51		"	50.0		103	57-141				
n-Butylbenzene	50		"	50.0		100	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 BC70781 - EPA 5035A											
LCS (BC70781-BS1)								Prepared & Analyzed: 03/17/2017			
n-Propylbenzene	53		ug/L	50.0		106	74-136				
o-Xylene	52		"	50.0		104	83-123				
p- & m- Xylenes	100		"	100		104	82-128				
p-Isopropyltoluene	55		"	50.0		110	85-125				
sec-Butylbenzene	54		"	50.0		107	83-125				
Styrene	53		"	50.0		106	86-126				
tert-Butyl alcohol (TBA)	55		"	50.0		110	70-130				
tert-Butylbenzene	55		"	50.0		110	80-127				
Tetrachloroethylene	56		"	50.0		112	80-129				
Toluene	51		"	50.0		102	85-121				
trans-1,2-Dichloroethylene	52		"	50.0		104	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		98.3	78-132				
Trichloroethylene	52		"	50.0		103	84-123				
Trichlorofluoromethane	47		"	50.0		93.7	62-140				
Vinyl Chloride	50		"	50.0		99.0	52-130				
Surrogate: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				
LCS Dup (BC70781-BSD1)								Prepared & Analyzed: 03/17/2017			
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	75-129		1.24	30	
1,1,1-Trichloroethane	54		"	50.0		108	71-137		4.19	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		0.226	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		107	58-146		3.82	30	
1,1,2-Trichloroethane	49		"	50.0		98.4	83-123		0.830	30	
1,1-Dichloroethane	52		"	50.0		103	75-130		1.46	30	
1,1-Dichloroethylene	50		"	50.0		100	64-137		5.39	30	
1,2,3-Trichlorobenzene	53		"	50.0		105	81-140		3.59	30	
1,2,3-Trichloropropane	52		"	50.0		104	81-126		1.03	30	
1,2,4-Trichlorobenzene	50		"	50.0		100	80-141		5.37	30	
1,2,4-Trimethylbenzene	52		"	50.0		104	84-125		4.92	30	
1,2-Dibromo-3-chloropropane	55		"	50.0		111	74-142		5.11	30	
1,2-Dibromoethane	53		"	50.0		106	86-123		0.585	30	
1,2-Dichlorobenzene	50		"	50.0		99.7	85-122		3.93	30	
1,2-Dichloroethane	52		"	50.0		104	71-133		2.18	30	
1,2-Dichloropropane	48		"	50.0		95.3	81-122		0.843	30	
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126		3.96	30	
1,3-Dichlorobenzene	52		"	50.0		104	84-124		4.24	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		2.91	30	
1,4-Dioxane	1200		"	1000		117	10-228		7.66	30	
2-Butanone	52		"	50.0		105	58-147		5.23	30	
2-Hexanone	52		"	50.0		104	70-139		7.86	30	
4-Methyl-2-pentanone	50		"	50.0		99.1	72-132		3.51	30	
Acetone	57		"	50.0		114	36-155		11.1	30	
Acrolein	40		"	50.0		80.9	10-238		0.347	30	
Acrylonitrile	55		"	50.0		109	66-141		5.12	30	
Benzene	52		"	50.0		104	77-127		5.66	30	
Bromochloromethane	49		"	50.0		97.3	74-129		2.30	30	
Bromodichloromethane	51		"	50.0		103	81-124		0.409	30	
Bromoform	56		"	50.0		113	80-136		0.516	30	
Bromomethane	42		"	50.0		83.7	32-177		16.9	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 BC70781 - EPA 5035A											
LCS Dup (BC70781-BSD1)								Prepared & Analyzed: 03/17/2017			
Carbon disulfide	52		ug/L	50.0		104	10-136		5.34	30	
Carbon tetrachloride	55		"	50.0		110	66-143		2.90	30	
Chlorobenzene	52		"	50.0		103	86-120		4.94	30	
Chloroethane	42		"	50.0		83.6	51-142		8.56	30	
Chloroform	53		"	50.0		106	76-131		3.25	30	
Chloromethane	44		"	50.0		87.3	49-132		2.42	30	
cis-1,2-Dichloroethylene	53		"	50.0		105	74-132		6.57	30	
cis-1,3-Dichloropropylene	49		"	50.0		97.5	81-129		1.18	30	
Cyclohexane	49		"	50.0		98.8	70-130		3.77	30	
Dibromochloromethane	55		"	50.0		109	10-200		0.0549	30	
Dibromomethane	50		"	50.0		101	83-124		0.356	30	
Dichlorodifluoromethane	48		"	50.0		96.9	28-158		3.29	30	
Ethyl Benzene	52		"	50.0		104	84-125		2.10	30	
Hexachlorobutadiene	54		"	50.0		109	83-133		2.22	30	
Isopropylbenzene	53		"	50.0		106	81-127		3.26	30	
Methyl acetate	51		"	50.0		103	41-143		0.931	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	74-131		2.63	30	
Methylcyclohexane	51		"	50.0		101	70-130		0.609	30	
Methylene chloride	49		"	50.0		97.4	57-141		5.33	30	
n-Butylbenzene	49		"	50.0		97.6	80-130		2.83	30	
n-Propylbenzene	52		"	50.0		104	74-136		2.38	30	
o-Xylene	52		"	50.0		104	83-123		0.634	30	
p- & m- Xylenes	100		"	100		105	82-128		0.679	30	
p-Isopropyltoluene	54		"	50.0		107	85-125		2.44	30	
sec-Butylbenzene	53		"	50.0		105	83-125		1.92	30	
Styrene	52		"	50.0		105	86-126		1.05	30	
tert-Butyl alcohol (TBA)	56		"	50.0		113	70-130		2.95	30	
tert-Butylbenzene	53		"	50.0		107	80-127		2.68	30	
Tetrachloroethylene	56		"	50.0		113	80-129		0.374	30	
Toluene	50		"	50.0		100	85-121		1.85	30	
trans-1,2-Dichloroethylene	50		"	50.0		99.9	72-132		4.00	30	
trans-1,3-Dichloropropylene	49		"	50.0		97.7	78-132		0.653	30	
Trichloroethylene	51		"	50.0		103	84-123		0.311	30	
Trichlorofluoromethane	45		"	50.0		89.7	62-140		4.34	30	
Vinyl Chloride	47		"	50.0		93.2	52-130		6.08	30	
Surrogate: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.3*		*"*	*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 BC70821 - EPA 5035A											
Blank (BC70821-BLK1)											Prepared & Analyzed: 03/20/2017
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	0.0025	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70821 - EPA 5035A											
Blank (BC70821-BLK1)											Prepared & Analyzed: 03/20/2017
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*47.0*		*ug/L*	*50.0*		*94.1*	*77-125*				
Surrogate: Toluene-d8	*53.3*		*"*	*50.0*		*107*	*85-120*				
Surrogate: p-Bromofluorobenzene	*45.0*		*"*	*50.0*		*90.0*	*76-130*				
Blank (BC70821-BLK2)											Prepared & Analyzed: 03/20/2017
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-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	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	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 BC70821 - EPA 5035A											
Blank (BC70821-BLK2)											
Prepared & Analyzed: 03/20/2017											
Bromomethane	ND	0.50	mg/kg wet								
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	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
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	*49.4*		*ug/L*	*50.0*		*98.8*	*77-125*				
Surrogate: Toluene-d8	*52.5*		*"*	*50.0*		*105*	*85-120*				
Surrogate: p-Bromofluorobenzene	*43.7*		*"*	*50.0*		*87.3*	*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 BC70821 - EPA 5035A											
LCS (BC70821-BS1)								Prepared & Analyzed: 03/20/2017			
1,1,1,2-Tetrachloroethane	57		ug/L	50.0		114	75-129				
1,1,1-Trichloroethane	57		"	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	57		"	50.0		114	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62		"	50.0		123	58-146				
1,1,2-Trichloroethane	56		"	50.0		111	83-123				
1,1-Dichloroethane	57		"	50.0		114	75-130				
1,1-Dichloroethylene	57		"	50.0		115	64-137				
1,2,3-Trichlorobenzene	51		"	50.0		102	81-140				
1,2,3-Trichloropropane	56		"	50.0		111	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		99.3	80-141				
1,2,4-Trimethylbenzene	54		"	50.0		108	84-125				
1,2-Dibromo-3-chloropropane	48		"	50.0		96.3	74-142				
1,2-Dibromoethane	57		"	50.0		114	86-123				
1,2-Dichlorobenzene	56		"	50.0		112	85-122				
1,2-Dichloroethane	53		"	50.0		105	71-133				
1,2-Dichloropropane	53		"	50.0		106	81-122				
1,3,5-Trimethylbenzene	54		"	50.0		107	82-126				
1,3-Dichlorobenzene	57		"	50.0		115	84-124				
1,4-Dichlorobenzene	57		"	50.0		113	84-124				
1,4-Dioxane	1300		"	1000		126	10-228				
2-Butanone	54		"	50.0		109	58-147				
2-Hexanone	56		"	50.0		111	70-139				
4-Methyl-2-pentanone	53		"	50.0		107	72-132				
Acetone	48		"	50.0		96.6	36-155				
Acrolein	53		"	50.0		107	10-238				
Acrylonitrile	57		"	50.0		114	66-141				
Benzene	54		"	50.0		109	77-127				
Bromochloromethane	47		"	50.0		94.1	74-129				
Bromodichloromethane	52		"	50.0		103	81-124				
Bromoform	52		"	50.0		103	80-136				
Bromomethane	56		"	50.0		113	32-177				
Carbon disulfide	60		"	50.0		121	10-136				
Carbon tetrachloride	57		"	50.0		114	66-143				
Chlorobenzene	56		"	50.0		113	86-120				
Chloroethane	54		"	50.0		108	51-142				
Chloroform	56		"	50.0		113	76-131				
Chloromethane	57		"	50.0		114	49-132				
cis-1,2-Dichloroethylene	62		"	50.0		124	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129				
Cyclohexane	54		"	50.0		108	70-130				
Dibromochloromethane	55		"	50.0		110	10-200				
Dibromomethane	58		"	50.0		116	83-124				
Dichlorodifluoromethane	58		"	50.0		116	28-158				
Ethyl Benzene	54		"	50.0		107	84-125				
Hexachlorobutadiene	48		"	50.0		96.1	83-133				
Isopropylbenzene	54		"	50.0		108	81-127				
Methyl acetate	51		"	50.0		102	41-143				
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	74-131				
Methylcyclohexane	53		"	50.0		106	70-130				
Methylene chloride	58		"	50.0		115	57-141				
n-Butylbenzene	54		"	50.0		108	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 BC70821 - EPA 5035A											
LCS (BC70821-BS1)								Prepared & Analyzed: 03/20/2017			
n-Propylbenzene	53		ug/L	50.0		107	74-136				
o-Xylene	53		"	50.0		106	83-123				
p- & m- Xylenes	100		"	100		104	82-128				
p-Isopropyltoluene	53		"	50.0		107	85-125				
sec-Butylbenzene	55		"	50.0		110	83-125				
Styrene	55		"	50.0		110	86-126				
tert-Butyl alcohol (TBA)	51		"	50.0		102	70-130				
tert-Butylbenzene	54		"	50.0		107	80-127				
Tetrachloroethylene	52		"	50.0		104	80-129				
Toluene	55		"	50.0		111	85-121				
trans-1,2-Dichloroethylene	57		"	50.0		115	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		102	78-132				
Trichloroethylene	58		"	50.0		116	84-123				
Trichlorofluoromethane	56		"	50.0		113	62-140				
Vinyl Chloride	56		"	50.0		112	52-130				
Surrogate: 1,2-Dichloroethane-d4	*47.8*		*"*	*50.0*		*95.7*	*77-125*				
Surrogate: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*85-120*				
Surrogate: p-Bromofluorobenzene	*46.6*		*"*	*50.0*		*93.1*	*76-130*				
LCS Dup (BC70821-BSD1)								Prepared & Analyzed: 03/20/2017			
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		112	75-129		1.83	30	
1,1,1-Trichloroethane	55		"	50.0		111	71-137		2.83	30	
1,1,2,2-Tetrachloroethane	54		"	50.0		109	79-129		4.40	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60		"	50.0		120	58-146		2.62	30	
1,1,2-Trichloroethane	52		"	50.0		105	83-123		6.03	30	
1,1-Dichloroethane	55		"	50.0		110	75-130		4.18	30	
1,1-Dichloroethylene	55		"	50.0		110	64-137		3.92	30	
1,2,3-Trichlorobenzene	50		"	50.0		99.6	81-140		2.52	30	
1,2,3-Trichloropropane	51		"	50.0		103	81-126		7.81	30	
1,2,4-Trichlorobenzene	48		"	50.0		95.8	80-141		3.61	30	
1,2,4-Trimethylbenzene	53		"	50.0		105	84-125		2.18	30	
1,2-Dibromo-3-chloropropane	43		"	50.0		86.7	74-142		10.5	30	
1,2-Dibromoethane	56		"	50.0		112	86-123		0.938	30	
1,2-Dichlorobenzene	54		"	50.0		109	85-122		3.14	30	
1,2-Dichloroethane	52		"	50.0		104	71-133		1.66	30	
1,2-Dichloropropane	54		"	50.0		108	81-122		1.42	30	
1,3,5-Trimethylbenzene	52		"	50.0		104	82-126		3.10	30	
1,3-Dichlorobenzene	56		"	50.0		111	84-124		3.42	30	
1,4-Dichlorobenzene	55		"	50.0		110	84-124		2.72	30	
1,4-Dioxane	1200		"	1000		115	10-228		8.80	30	
2-Butanone	49		"	50.0		98.6	58-147		9.62	30	
2-Hexanone	51		"	50.0		102	70-139		9.01	30	
4-Methyl-2-pentanone	48		"	50.0		96.4	72-132		10.2	30	
Acetone	46		"	50.0		91.9	36-155		4.94	30	
Acrolein	50		"	50.0		100	10-238		6.08	30	
Acrylonitrile	52		"	50.0		103	66-141		9.29	30	
Benzene	54		"	50.0		107	77-127		1.52	30	
Bromochloromethane	40		"	50.0		79.6	74-129		16.7	30	
Bromodichloromethane	52		"	50.0		104	81-124		0.406	30	
Bromoform	49		"	50.0		98.1	80-136		5.34	30	
Bromomethane	55		"	50.0		111	32-177		2.09	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 BC70821 - EPA 5035A											
LCS Dup (BC70821-BSD1)							Prepared & Analyzed: 03/20/2017				
Carbon disulfide	58		ug/L	50.0		117	10-136		3.32	30	
Carbon tetrachloride	55		"	50.0		109	66-143		4.17	30	
Chlorobenzene	55		"	50.0		110	86-120		2.40	30	
Chloroethane	52		"	50.0		104	51-142		3.55	30	
Chloroform	54		"	50.0		109	76-131		3.95	30	
Chloromethane	55		"	50.0		110	49-132		3.85	30	
cis-1,2-Dichloroethylene	60		"	50.0		119	74-132		3.46	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129		0.648	30	
Cyclohexane	53		"	50.0		106	70-130		1.66	30	
Dibromochloromethane	58		"	50.0		115	10-200		4.79	30	
Dibromomethane	57		"	50.0		114	83-124		1.34	30	
Dichlorodifluoromethane	57		"	50.0		114	28-158		1.71	30	
Ethyl Benzene	52		"	50.0		104	84-125		3.54	30	
Hexachlorobutadiene	47		"	50.0		94.2	83-133		2.08	30	
Isopropylbenzene	54		"	50.0		109	81-127		0.479	30	
Methyl acetate	48		"	50.0		96.2	41-143		5.52	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	74-131		3.10	30	
Methylcyclohexane	52		"	50.0		104	70-130		2.71	30	
Methylene chloride	56		"	50.0		112	57-141		3.03	30	
n-Butylbenzene	51		"	50.0		103	80-130		4.84	30	
n-Propylbenzene	51		"	50.0		103	74-136		3.89	30	
o-Xylene	53		"	50.0		105	83-123		0.0569	30	
p- & m- Xylenes	100		"	100		102	82-128		1.41	30	
p-Isopropyltoluene	53		"	50.0		106	85-125		0.789	30	
sec-Butylbenzene	53		"	50.0		106	83-125		4.00	30	
Styrene	53		"	50.0		106	86-126		3.36	30	
tert-Butyl alcohol (TBA)	47		"	50.0		94.7	70-130		7.77	30	
tert-Butylbenzene	51		"	50.0		101	80-127		5.97	30	
Tetrachloroethylene	50		"	50.0		99.8	80-129		4.45	30	
Toluene	55		"	50.0		109	85-121		1.35	30	
trans-1,2-Dichloroethylene	55		"	50.0		111	72-132		3.30	30	
trans-1,3-Dichloropropylene	50		"	50.0		100	78-132		2.17	30	
Trichloroethylene	57		"	50.0		113	84-123		2.60	30	
Trichlorofluoromethane	54		"	50.0		108	62-140		4.40	30	
Vinyl Chloride	54		"	50.0		108	52-130		2.91	30	
Surrogate: 1,2-Dichloroethane-d4	*48.1*		*"*	*50.0*		*96.1*	*77-125*				
Surrogate: Toluene-d8	*51.6*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*46.6*		*"*	*50.0*		*93.2*	*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 BC70816 - EPA 3550C											
Blank (BC70816-BLK1)											
Prepared: 03/20/2017 Analyzed: 03/21/2017											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

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 BC70816 - EPA 3550C											
Blank (BC70816-BLK1)											
Prepared: 03/20/2017 Analyzed: 03/21/2017											
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: 2-Fluorophenol	*1.80*		"	*2.64*		*68.1*	*20-108*				
Surrogate: Phenol-d5	*1.80*		"	*2.58*		*69.9*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.55*		"	*1.96*		*78.9*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.56*		"	*1.74*		*89.9*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.69*		"	*2.55*		*105*	*19-110*				
Surrogate: Terphenyl-d14	*1.26*		"	*1.78*		*70.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70816 - EPA 3550C											
LCS (BC70816-BS1)								Prepared: 03/20/2017 Analyzed: 03/21/2017			
1,1-Biphenyl	1.52	0.0417	mg/kg wet	1.67		91.4	22-103				
1,2,4,5-Tetrachlorobenzene	1.60	0.0833	"	1.67		96.1	10-144				
1,2,4-Trichlorobenzene	1.24	0.0417	"	1.67		74.7	23-130				
1,2-Dichlorobenzene	1.15	0.0417	"	1.67		68.7	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	1.63	0.0417	"	1.67		97.6	10-140				
1,3-Dichlorobenzene	1.05	0.0417	"	1.67		63.2	32-113				
1,4-Dichlorobenzene	1.06	0.0417	"	1.67		63.5	28-111				
2,3,4,6-Tetrachlorophenol	1.47	0.0833	"	1.67		88.4	30-130				
2,4,5-Trichlorophenol	1.55	0.0417	"	1.67		93.2	14-138				
2,4,6-Trichlorophenol	1.33	0.0417	"	1.67		79.7	27-122				
2,4-Dichlorophenol	1.28	0.0417	"	1.67		77.0	23-133				
2,4-Dimethylphenol	1.12	0.0417	"	1.67		66.9	15-131				
2,4-Dinitrophenol	1.57	0.0833	"	1.67		94.0	10-149				
2,4-Dinitrotoluene	1.25	0.0417	"	1.67		74.8	30-123				
2,6-Dinitrotoluene	1.39	0.0417	"	1.67		83.3	30-125				
2-Chloronaphthalene	1.24	0.0417	"	1.67		74.3	22-115				
2-Chlorophenol	0.989	0.0417	"	1.67		59.3	25-121				
2-Methylnaphthalene	1.65	0.0417	"	1.67		99.0	16-127				
2-Methylphenol	1.04	0.0417	"	1.67		62.5	10-146				
2-Nitroaniline	1.09	0.0833	"	1.67		65.6	24-126				
2-Nitrophenol	1.18	0.0417	"	1.67		70.7	17-129				
3- & 4-Methylphenols	1.06	0.0417	"	1.67		63.6	20-109				
3,3-Dichlorobenzidine	1.30	0.0417	"	1.67		77.8	10-147				
3-Nitroaniline	1.96	0.0833	"	1.67		118	23-123				
4,6-Dinitro-2-methylphenol	4.22	0.0833	"	1.67		253	10-149	High Bias			
4-Bromophenyl phenyl ether	1.66	0.0417	"	1.67		99.5	30-138				
4-Chloro-3-methylphenol	1.26	0.0417	"	1.67		75.3	16-138				
4-Chloroaniline	0.949	0.0417	"	1.67		56.9	10-117				
4-Chlorophenyl phenyl ether	1.66	0.0417	"	1.67		99.7	18-132				
4-Nitroaniline	1.43	0.0833	"	1.67		86.0	14-125				
4-Nitrophenol	1.33	0.0833	"	1.67		80.0	10-136				
Acenaphthene	1.46	0.0417	"	1.67		87.6	17-124				
Acenaphthylene	1.40	0.0417	"	1.67		83.8	16-124				
Acetophenone	1.03	0.0417	"	1.67		61.7	28-105				
Aniline	1.63	0.167	"	1.67		97.5	10-111				
Anthracene	1.53	0.0417	"	1.67		91.6	24-124				
Atrazine	1.71	0.0417	"	1.67		103	22-120				
Benzaldehyde	0.944	0.0417	"	1.67		56.7	21-100				
Benzo(a)anthracene	1.23	0.0417	"	1.67		73.7	25-134				
Benzo(a)pyrene	1.19	0.0417	"	1.67		71.7	29-144				
Benzo(b)fluoranthene	1.16	0.0417	"	1.67		69.4	20-151				
Benzo(g,h,i)perylene	2.00	0.0417	"	1.67		120	10-153				
Benzo(k)fluoranthene	1.27	0.0417	"	1.67		76.4	10-148				
Benzoic acid	0.661	0.0417	"	1.67		39.6	10-116				
Benzyl alcohol	1.15	0.0417	"	1.67		69.1	17-128				
Benzyl butyl phthalate	0.985	0.0417	"	1.67		59.1	10-132				
Bis(2-chloroethoxy)methane	1.15	0.0417	"	1.67		69.3	10-129				
Bis(2-chloroethyl)ether	0.768	0.0417	"	1.67		46.1	14-125				
Bis(2-chloroisopropyl)ether	1.05	0.0417	"	1.67		62.8	14-122				
Bis(2-ethylhexyl)phthalate	1.30	0.0417	"	1.67		78.1	10-141				
Caprolactam	1.14	0.0833	"	1.67		68.3	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 BC70816 - EPA 3550C											
LCS (BC70816-BS1)								Prepared: 03/20/2017 Analyzed: 03/21/2017			
Carbazole	3.13	0.0417	mg/kg wet	1.67		188	31-120	High Bias			
Chrysene	1.13	0.0417	"	1.67		67.6	24-116				
Dibenzo(a,h)anthracene	2.36	0.0417	"	1.67		142	17-147				
Dibenzofuran	1.35	0.0417	"	1.67		80.8	23-123				
Diethyl phthalate	1.45	0.0417	"	1.67		86.9	23-122				
Dimethyl phthalate	1.28	0.0417	"	1.67		76.9	28-127				
Di-n-butyl phthalate	1.34	0.0417	"	1.67		80.2	19-123				
Di-n-octyl phthalate	0.941	0.0417	"	1.67		56.5	10-132				
Fluoranthene	1.53	0.0417	"	1.67		92.0	36-125				
Fluorene	1.55	0.0417	"	1.67		93.2	16-130				
Hexachlorobenzene	1.69	0.0417	"	1.67		101	10-129				
Hexachlorobutadiene	1.54	0.0417	"	1.67		92.2	22-153				
Hexachlorocyclopentadiene	1.73	0.0417	"	1.67		104	10-134				
Hexachloroethane	1.19	0.0417	"	1.67		71.2	20-112				
Indeno(1,2,3-cd)pyrene	2.25	0.0417	"	1.67		135	10-155				
Isophorone	1.18	0.0417	"	1.67		70.7	14-131				
Naphthalene	1.43	0.0417	"	1.67		85.6	20-121				
Nitrobenzene	1.16	0.0417	"	1.67		69.7	20-121				
N-Nitrosodimethylamine	0.624	0.0417	"	1.67		37.4	10-124				
N-nitroso-di-n-propylamine	1.25	0.0417	"	1.67		74.7	21-119				
N-Nitrosodiphenylamine	2.58	0.0417	"	1.67		155	10-163				
Pentachlorophenol	1.29	0.0417	"	1.67		77.4	10-143				
Phenanthrene	1.55	0.0417	"	1.67		93.0	24-123				
Phenol	1.18	0.0417	"	1.67		70.5	15-123				
Pyrene	1.09	0.0417	"	1.67		65.4	24-132				
Surrogate: 2-Fluorophenol	*1.41*		"	*2.64*		*53.5*	*20-108*				
Surrogate: Phenol-d5	*1.68*		"	*2.58*		*65.0*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.32*		"	*1.96*		*67.6*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.46*		"	*1.74*		*84.1*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.71*		"	*2.55*		*106*	*19-110*				
Surrogate: Terphenyl-d14	*0.834*		"	*1.78*		*46.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BC70816 - EPA 3550C

Matrix Spike (BC70816-MS1) *Source sample: 17C0482-06 (SB14_5-6) Prepared: 03/20/2017 Analyzed: 03/21/2017

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.996	0.0923	mg/kg dry	1.84	ND	54.0	24-112				
1,2,4,5-Tetrachlorobenzene	1.26	0.184	"	1.84	ND	68.1	18-152				
1,2,4-Trichlorobenzene	1.05	0.0923	"	1.84	ND	56.7	15-139				
1,2-Dichlorobenzene	0.869	0.0923	"	1.84	ND	47.1	29-106				
1,2-Diphenylhydrazine (as Azobenzene)	1.01	0.0923	"	1.84	ND	54.6	10-135				
1,3-Dichlorobenzene	0.880	0.0923	"	1.84	ND	47.7	34-100				
1,4-Dichlorobenzene	0.883	0.0923	"	1.84	ND	47.9	26-107				
2,3,4,6-Tetrachlorophenol	1.09	0.184	"	1.84	ND	59.2	30-130				
2,4,5-Trichlorophenol	1.16	0.0923	"	1.84	ND	63.0	10-148				
2,4,6-Trichlorophenol	1.07	0.0923	"	1.84	ND	57.8	12-138				
2,4-Dichlorophenol	0.974	0.0923	"	1.84	ND	52.8	16-144				
2,4-Dimethylphenol	0.884	0.0923	"	1.84	ND	48.0	11-133				
2,4-Dinitrophenol	0.900	0.184	"	1.84	ND	48.8	10-132				
2,4-Dinitrotoluene	1.06	0.0923	"	1.84	ND	57.2	42-113				
2,6-Dinitrotoluene	1.11	0.0923	"	1.84	ND	60.1	36-124				
2-Chloronaphthalene	0.915	0.0923	"	1.84	ND	49.6	31-116				
2-Chlorophenol	0.866	0.0923	"	1.84	ND	47.0	28-114				
2-Methylnaphthalene	1.16	0.0923	"	1.84	ND	62.7	10-143				
2-Methylphenol	0.911	0.0923	"	1.84	ND	49.4	10-160				
2-Nitroaniline	0.906	0.184	"	1.84	ND	49.1	33-122				
2-Nitrophenol	0.988	0.0923	"	1.84	ND	53.6	12-127				
3- & 4-Methylphenols	0.802	0.0923	"	1.84	ND	43.5	16-115				
3,3-Dichlorobenzidine	0.563	0.0923	"	1.84	ND	30.5	10-134				
3-Nitroaniline	1.51	0.184	"	1.84	ND	82.0	24-128				
4,6-Dinitro-2-methylphenol	2.04	0.184	"	1.84	ND	111	10-149				
4-Bromophenyl phenyl ether	1.25	0.0923	"	1.84	ND	67.7	32-148				
4-Chloro-3-methylphenol	0.977	0.0923	"	1.84	ND	53.0	14-138				
4-Chloroaniline	0.828	0.0923	"	1.84	ND	44.9	10-124				
4-Chlorophenyl phenyl ether	1.20	0.0923	"	1.84	ND	64.9	10-153				
4-Nitroaniline	1.19	0.184	"	1.84	ND	64.6	10-151				
4-Nitrophenol	1.24	0.184	"	1.84	ND	67.2	10-141				
Acenaphthene	1.06	0.0923	"	1.84	ND	57.5	13-133				
Acenaphthylene	1.08	0.0923	"	1.84	0.0642	55.0	25-125				
Acetophenone	0.874	0.0923	"	1.84	ND	47.4	25-105				
Aniline	0.927	0.370	"	1.84	ND	50.3	10-112				
Anthracene	1.06	0.0923	"	1.84	0.0841	52.9	27-128				
Atrazine	1.25	0.0923	"	1.84	ND	68.0	10-139				
Benzaldehyde	0.864	0.0923	"	1.84	ND	46.8	24-96				
Benzo(a)anthracene	1.21	0.0923	"	1.84	1.24	NR	20-147	Low Bias			
Benzo(a)pyrene	1.41	0.0923	"	1.84	1.71	NR	18-153	Low Bias			
Benzo(b)fluoranthene	1.16	0.0923	"	1.84	1.11	2.92	10-163	Low Bias			
Benzo(g,h,i)perylene	1.87	0.0923	"	1.84	0.964	49.0	10-157				
Benzo(k)fluoranthene	1.46	0.0923	"	1.84	1.50	NR	10-157	Low Bias			
Benzoic acid	0.615	0.0923	"	1.84	ND	33.4	10-130				
Benzyl alcohol	0.886	0.0923	"	1.84	ND	48.0	20-122				
Benzyl butyl phthalate	0.688	0.0923	"	1.84	ND	37.3	10-129				
Bis(2-chloroethoxy)methane	0.923	0.0923	"	1.84	ND	50.0	12-128				
Bis(2-chloroethyl)ether	0.683	0.0923	"	1.84	ND	37.0	18-113				
Bis(2-chloroisopropyl)ether	0.976	0.0923	"	1.84	ND	52.9	10-130				
Bis(2-ethylhexyl)phthalate	1.37	0.0923	"	1.84	ND	74.4	10-138				
Caprolactam	0.935	0.184	"	1.84	ND	50.7	10-100				

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 BC70816 - EPA 3550C											
Matrix Spike (BC70816-MS1)	*Source sample: 17C0482-06 (SB14_5-6)							Prepared: 03/20/2017 Analyzed: 03/21/2017			
Carbazole	1.92	0.0923	mg/kg dry	1.84	0.0561	101	24-139				
Chrysene	1.27	0.0923	"	1.84	1.31	NR	18-133	Low Bias			
Dibenzo(a,h)anthracene	1.79	0.0923	"	1.84	0.429	73.6	10-146				
Dibenzofuran	1.04	0.0923	"	1.84	ND	56.3	26-134				
Diethyl phthalate	1.12	0.0923	"	1.84	ND	60.6	30-119				
Dimethyl phthalate	1.10	0.0923	"	1.84	ND	59.4	34-120				
Di-n-butyl phthalate	0.966	0.0923	"	1.84	ND	52.4	20-128				
Di-n-octyl phthalate	0.763	0.0923	"	1.84	ND	41.4	10-133				
Fluoranthene	1.66	0.0923	"	1.84	1.96	NR	10-155	Low Bias			
Fluorene	1.09	0.0923	"	1.84	ND	58.9	12-150				
Hexachlorobenzene	1.13	0.0923	"	1.84	ND	61.5	16-142				
Hexachlorobutadiene	1.28	0.0923	"	1.84	ND	69.3	11-150				
Hexachlorocyclopentadiene	0.394	0.0923	"	1.84	ND	21.4	10-115				
Hexachloroethane	0.980	0.0923	"	1.84	ND	53.1	14-106				
Indeno(1,2,3-cd)pyrene	1.97	0.0923	"	1.84	0.913	57.2	10-155				
Isophorone	1.01	0.0923	"	1.84	ND	54.8	14-127				
Naphthalene	1.05	0.0923	"	1.84	ND	56.8	15-132				
Nitrobenzene	0.991	0.0923	"	1.84	ND	53.7	18-125				
N-Nitrosodimethylamine	0.606	0.0923	"	1.84	ND	32.8	10-123				
N-nitroso-di-n-propylamine	0.987	0.0923	"	1.84	ND	53.5	23-115				
N-Nitrosodiphenylamine	1.67	0.0923	"	1.84	ND	90.4	16-166				
Pentachlorophenol	0.875	0.0923	"	1.84	ND	47.4	10-160				
Phenanthrene	1.27	0.0923	"	1.84	0.204	58.1	10-151				
Phenol	0.901	0.0923	"	1.84	ND	48.9	11-124				
Pyrene	1.36	0.0923	"	1.84	1.86	NR	13-148	Low Bias			
Surrogate: 2-Fluorophenol	*1.21*		"	*2.92*		*41.3*	*20-108*				
Surrogate: Phenol-d5	*1.34*		"	*2.85*		*47.1*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.13*		"	*2.17*		*52.2*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.05*		"	*1.93*		*54.5*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.05*		"	*2.82*		*72.5*	*19-110*				
Surrogate: Terphenyl-d14	*0.631*		"	*1.97*		*32.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BC70816 - EPA 3550C

Matrix Spike Dup (BC70816-MSD1) *Source sample: 17C0482-06 (SB14_5-6) Prepared: 03/20/2017 Analyzed: 03/21/2017

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	1.07	0.0923	mg/kg dry	1.84	ND	57.8	24-112		6.80	30	
1,2,4,5-Tetrachlorobenzene	1.29	0.184	"	1.84	ND	69.8	18-152		2.49	30	
1,2,4-Trichlorobenzene	1.05	0.0923	"	1.84	ND	56.7	15-139		0.0705	30	
1,2-Dichlorobenzene	0.895	0.0923	"	1.84	ND	48.5	29-106		2.93	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.08	0.0923	"	1.84	ND	58.5	10-135		6.86	30	
1,3-Dichlorobenzene	0.884	0.0923	"	1.84	ND	47.9	34-100		0.418	30	
1,4-Dichlorobenzene	0.882	0.0923	"	1.84	ND	47.8	26-107		0.0836	30	
2,3,4,6-Tetrachlorophenol	1.18	0.184	"	1.84	ND	64.0	30-130		7.86	30	
2,4,5-Trichlorophenol	1.22	0.0923	"	1.84	ND	66.1	10-148		4.84	30	
2,4,6-Trichlorophenol	1.11	0.0923	"	1.84	ND	60.4	12-138		4.26	30	
2,4-Dichlorophenol	1.01	0.0923	"	1.84	ND	54.6	16-144		3.35	30	
2,4-Dimethylphenol	0.974	0.0923	"	1.84	ND	52.8	11-133		9.61	30	
2,4-Dinitrophenol	0.887	0.184	"	1.84	ND	48.1	10-132		1.49	30	
2,4-Dinitrotoluene	1.10	0.0923	"	1.84	ND	59.5	42-113		3.84	30	
2,6-Dinitrotoluene	1.16	0.0923	"	1.84	ND	63.2	36-124		5.00	30	
2-Chloronaphthalene	0.951	0.0923	"	1.84	ND	51.6	31-116		3.79	30	
2-Chlorophenol	0.866	0.0923	"	1.84	ND	47.0	28-114		0.00	30	
2-Methylnaphthalene	1.21	0.0923	"	1.84	ND	65.8	10-143		4.80	30	
2-Methylphenol	0.939	0.0923	"	1.84	ND	50.9	10-160		3.03	30	
2-Nitroaniline	0.964	0.184	"	1.84	ND	52.3	33-122		6.23	30	
2-Nitrophenol	1.02	0.0923	"	1.84	ND	55.3	12-127		3.23	30	
3- & 4-Methylphenols	0.831	0.0923	"	1.84	ND	45.1	16-115		3.52	30	
3,3-Dichlorobenzidine	0.782	0.0923	"	1.84	ND	42.4	10-134		32.6	30	Non-dir.
3-Nitroaniline	1.69	0.184	"	1.84	ND	91.4	24-128		10.9	30	
4,6-Dinitro-2-methylphenol	2.15	0.184	"	1.84	ND	117	10-149		5.21	30	
4-Bromophenyl phenyl ether	1.35	0.0923	"	1.84	ND	73.0	32-148		7.56	30	
4-Chloro-3-methylphenol	1.05	0.0923	"	1.84	ND	57.0	14-138		7.34	30	
4-Chloroaniline	0.856	0.0923	"	1.84	ND	46.4	10-124		3.33	30	
4-Chlorophenyl phenyl ether	1.29	0.0923	"	1.84	ND	70.2	10-153		7.82	30	
4-Nitroaniline	1.25	0.184	"	1.84	ND	67.5	10-151		4.42	30	
4-Nitrophenol	1.69	0.184	"	1.84	ND	91.6	10-141		30.8	30	Non-dir.
Acenaphthene	1.12	0.0923	"	1.84	ND	60.9	13-133		5.68	30	
Acenaphthylene	1.13	0.0923	"	1.84	0.0642	57.6	25-125		4.35	30	
Acetophenone	0.908	0.0923	"	1.84	ND	49.2	25-105		3.81	30	
Aniline	0.981	0.370	"	1.84	ND	53.2	10-112		5.64	30	
Anthracene	1.16	0.0923	"	1.84	0.0841	58.6	27-128		9.35	30	
Atrazine	1.28	0.0923	"	1.84	ND	69.6	10-139		2.33	30	
Benzaldehyde	0.856	0.0923	"	1.84	ND	46.4	24-96		0.944	30	
Benzo(a)anthracene	1.38	0.0923	"	1.84	1.24	7.80	20-147	Low Bias	13.0	30	
Benzo(a)pyrene	1.68	0.0923	"	1.84	1.71	NR	18-153	Low Bias	17.5	30	
Benzo(b)fluoranthene	1.41	0.0923	"	1.84	1.11	16.4	10-163		19.3	30	
Benzo(g,h,i)perylene	2.07	0.0923	"	1.84	0.964	60.2	10-157		10.4	30	
Benzo(k)fluoranthene	1.69	0.0923	"	1.84	1.50	10.3	10-157		14.8	30	
Benzoic acid	0.769	0.0923	"	1.84	ND	41.7	10-130		22.3	30	
Benzyl alcohol	0.940	0.0923	"	1.84	ND	51.0	20-122		5.90	30	
Benzyl butyl phthalate	0.735	0.0923	"	1.84	ND	39.9	10-129		6.63	30	
Bis(2-chloroethoxy)methane	0.952	0.0923	"	1.84	ND	51.6	12-128		3.15	30	
Bis(2-chloroethyl)ether	0.682	0.0923	"	1.84	ND	37.0	18-113		0.216	30	
Bis(2-chloroisopropyl)ether	0.992	0.0923	"	1.84	ND	53.8	10-130		1.65	30	
Bis(2-ethylhexyl)phthalate	1.45	0.0923	"	1.84	ND	78.9	10-138		5.85	30	
Caprolactam	1.03	0.184	"	1.84	ND	55.9	10-100		9.68	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70816 - EPA 3550C											
Matrix Spike Dup (BC70816-MSD1)	*Source sample: 17C0482-06 (SB14_5-6)								Prepared: 03/20/2017 Analyzed: 03/21/2017		
Carbazole	2.06	0.0923	mg/kg dry	1.84	0.0561	109	24-139		7.31	30	
Chrysene	1.40	0.0923	"	1.84	1.31	4.52	18-133	Low Bias	9.40	30	
Dibenzo(a,h)anthracene	1.95	0.0923	"	1.84	0.429	82.4	10-146		8.69	30	
Dibenzofuran	1.07	0.0923	"	1.84	ND	58.0	26-134		2.94	30	
Diethyl phthalate	1.19	0.0923	"	1.84	ND	64.4	30-119		6.14	30	
Dimethyl phthalate	1.18	0.0923	"	1.84	ND	63.9	34-120		7.33	30	
Di-n-butyl phthalate	1.08	0.0923	"	1.84	ND	58.8	20-128		11.7	30	
Di-n-octyl phthalate	0.862	0.0923	"	1.84	ND	46.8	10-133		12.2	30	
Fluoranthene	1.77	0.0923	"	1.84	1.96	NR	10-155	Low Bias	6.44	30	
Fluorene	1.17	0.0923	"	1.84	ND	63.4	12-150		7.26	30	
Hexachlorobenzene	1.24	0.0923	"	1.84	ND	67.1	16-142		8.77	30	
Hexachlorobutadiene	1.30	0.0923	"	1.84	ND	70.6	11-150		1.89	30	
Hexachlorocyclopentadiene	0.293	0.0923	"	1.84	ND	15.9	10-115		29.4	30	
Hexachloroethane	0.982	0.0923	"	1.84	ND	53.2	14-106		0.226	30	
Indeno(1,2,3-cd)pyrene	2.13	0.0923	"	1.84	0.913	65.8	10-155		7.71	30	
Isophorone	1.04	0.0923	"	1.84	ND	56.5	14-127		3.09	30	
Naphthalene	1.06	0.0923	"	1.84	ND	57.5	15-132		1.19	30	
Nitrobenzene	1.02	0.0923	"	1.84	ND	55.1	18-125		2.50	30	
N-Nitrosodimethylamine	0.587	0.0923	"	1.84	ND	31.8	10-123		3.09	30	
N-nitroso-di-n-propylamine	0.995	0.0923	"	1.84	ND	54.0	23-115		0.819	30	
N-Nitrosodiphenylamine	1.78	0.0923	"	1.84	ND	96.5	16-166		6.46	30	
Pentachlorophenol	0.957	0.0923	"	1.84	ND	51.9	10-160		8.94	30	
Phenanthrene	1.38	0.0923	"	1.84	0.204	64.0	10-151		8.27	30	
Phenol	0.899	0.0923	"	1.84	ND	48.8	11-124		0.246	30	
Pyrene	1.52	0.0923	"	1.84	1.86	NR	13-148	Low Bias	11.3	30	
Surrogate: 2-Fluorophenol	*1.15*		"	*2.92*		*39.3*	*20-108*				
Surrogate: Phenol-d5	*1.28*		"	*2.85*		*44.9*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.13*		"	*2.17*		*51.9*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.03*		"	*1.93*		*53.6*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.11*		"	*2.82*		*74.6*	*19-110*				
Surrogate: Terphenyl-d14	*0.651*		"	*1.97*		*33.0*	*24-116*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70729 - EPA 3550C											
Blank (BC70729-BLK1)											Prepared & Analyzed: 03/17/2017
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.000330	"								
Toxaphene	ND	0.0330	"								
Chlordane, total (alpha, gamma)	ND	0.000330	"								
Surrogate: Decachlorobiphenyl	*0.0369*		*"*	*0.0667*		*55.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0387*		*"*	*0.0667*		*58.0*	*30-150*				
LCS (BC70729-BS1)											Prepared & Analyzed: 03/17/2017
4,4'-DDD	0.0274	0.000330	mg/kg wet	0.0333		82.3	40-140				
4,4'-DDE	0.0266	0.000330	"	0.0333		79.8	40-140				
4,4'-DDT	0.0254	0.000330	"	0.0333		76.3	40-140				
Aldrin	0.0267	0.000330	"	0.0333		80.2	40-140				
alpha-BHC	0.0287	0.000330	"	0.0333		86.0	40-140				
alpha-Chlordane	0.0248	0.000330	"	0.0333		74.5	40-140				
beta-BHC	0.0256	0.000330	"	0.0333		76.8	40-140				
delta-BHC	0.0292	0.000330	"	0.0333		87.6	40-140				
Dieldrin	0.0258	0.000330	"	0.0333		77.3	40-140				
Endosulfan I	0.0261	0.000330	"	0.0333		78.4	40-140				
Endosulfan II	0.0258	0.000330	"	0.0333		77.3	40-140				
Endosulfan sulfate	0.0274	0.000330	"	0.0333		82.1	40-140				
Endrin	0.0270	0.000330	"	0.0333		80.9	40-140				
Endrin aldehyde	0.0259	0.000330	"	0.0333		77.8	40-140				
Endrin ketone	0.0273	0.000330	"	0.0333		82.0	40-140				
gamma-BHC (Lindane)	0.0276	0.000330	"	0.0333		82.7	40-140				
gamma-Chlordane	0.0241	0.000330	"	0.0333		72.2	40-140				
Heptachlor	0.0258	0.000330	"	0.0333		77.4	40-140				
Heptachlor epoxide	0.0256	0.000330	"	0.0333		76.8	40-140				
Methoxychlor	0.0275	0.000330	"	0.0333		82.4	40-140				
Surrogate: Decachlorobiphenyl	*0.0312*		*"*	*0.0667*		*46.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0353*		*"*	*0.0667*		*53.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70729 - EPA 3550C											
Matrix Spike (BC70729-MS1)	*Source sample: 17C0482-04 (SB12_4.5-5)							Prepared & Analyzed: 03/17/2017			
4,4'-DDD	0.0182	0.00181	mg/kg dry	0.0367	ND	49.8	30-150				
4,4'-DDE	0.0151	0.00181	"	0.0367	ND	41.1	30-150				
4,4'-DDT	0.0166	0.00181	"	0.0367	ND	45.3	30-150				
Aldrin	0.0170	0.00181	"	0.0367	ND	46.4	30-150				
alpha-BHC	0.0175	0.00181	"	0.0367	ND	47.6	30-150				
alpha-Chlordane	0.0181	0.00181	"	0.0367	ND	49.4	30-150				
beta-BHC	0.0179	0.00181	"	0.0367	ND	48.9	30-150				
delta-BHC	0.0175	0.00181	"	0.0367	ND	47.7	30-150				
Dieldrin	0.0176	0.00181	"	0.0367	ND	48.0	30-150				
Endosulfan I	0.0178	0.00181	"	0.0367	ND	48.6	30-150				
Endosulfan II	0.0185	0.00181	"	0.0367	ND	50.5	30-150				
Endosulfan sulfate	0.0212	0.00181	"	0.0367	ND	57.7	30-150				
Endrin	0.0191	0.00181	"	0.0367	ND	52.0	30-150				
Endrin aldehyde	0.0199	0.00181	"	0.0367	ND	54.4	30-150				
Endrin ketone	0.0207	0.00181	"	0.0367	ND	56.5	30-150				
gamma-BHC (Lindane)	0.0180	0.00181	"	0.0367	ND	49.2	30-150				
gamma-Chlordane	0.0189	0.00181	"	0.0367	ND	51.5	30-150				
Heptachlor	0.0177	0.00181	"	0.0367	ND	48.2	30-150				
Heptachlor epoxide	0.0192	0.00181	"	0.0367	ND	52.5	30-150				
Methoxychlor	0.0234	0.00181	"	0.0367	ND	64.0	30-150				
Surrogate: Decachlorobiphenyl	*0.0283*		*"*	*0.0733*		*38.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0302*		*"*	*0.0733*		*41.3*	*30-150*				
Matrix Spike Dup (BC70729-MSD1)	*Source sample: 17C0482-04 (SB12_4.5-5)							Prepared & Analyzed: 03/17/2017			
4,4'-DDD	0.0206	0.00181	mg/kg dry	0.0367	ND	56.2	30-150		12.2	30	
4,4'-DDE	0.0169	0.00181	"	0.0367	ND	46.0	30-150		11.1	30	
4,4'-DDT	0.0199	0.00181	"	0.0367	ND	54.3	30-150		18.1	30	
Aldrin	0.0186	0.00181	"	0.0367	ND	50.9	30-150		9.32	30	
alpha-BHC	0.0196	0.00181	"	0.0367	ND	53.5	30-150		11.7	30	
alpha-Chlordane	0.0202	0.00181	"	0.0367	ND	55.1	30-150		10.9	30	
beta-BHC	0.0198	0.00181	"	0.0367	ND	54.1	30-150		10.2	30	
delta-BHC	0.0194	0.00181	"	0.0367	ND	52.8	30-150		10.1	30	
Dieldrin	0.0198	0.00181	"	0.0367	ND	53.9	30-150		11.7	30	
Endosulfan I	0.0193	0.00181	"	0.0367	ND	52.7	30-150		7.99	30	
Endosulfan II	0.0204	0.00181	"	0.0367	ND	55.7	30-150		9.75	30	
Endosulfan sulfate	0.0241	0.00181	"	0.0367	ND	65.8	30-150		13.0	30	
Endrin	0.0212	0.00181	"	0.0367	ND	57.9	30-150		10.6	30	
Endrin aldehyde	0.0228	0.00181	"	0.0367	ND	62.1	30-150		13.2	30	
Endrin ketone	0.0232	0.00181	"	0.0367	ND	63.4	30-150		11.6	30	
gamma-BHC (Lindane)	0.0202	0.00181	"	0.0367	ND	55.1	30-150		11.4	30	
gamma-Chlordane	0.0203	0.00181	"	0.0367	ND	55.4	30-150		7.36	30	
Heptachlor	0.0198	0.00181	"	0.0367	ND	54.0	30-150		11.3	30	
Heptachlor epoxide	0.0213	0.00181	"	0.0367	ND	58.2	30-150		10.3	30	
Methoxychlor	0.0309	0.00181	"	0.0367	ND	84.2	30-150		27.3	30	
Surrogate: Decachlorobiphenyl	*0.0311*		*"*	*0.0733*		*42.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0320*		*"*	*0.0733*		*43.6*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70867 - EPA 3550C											
Blank (BC70867-BLK1)											Prepared & Analyzed: 03/21/2017
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00660	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.000330	"								
Toxaphene	ND	0.0330	"								
Chlordane, total (alpha, gamma)	ND	0.000330	"								
Surrogate: Decachlorobiphenyl	*0.0358*		*"*	*0.0667*		*53.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0384*		*"*	*0.0667*		*57.5*	*30-150*				
LCS (BC70867-BS1)											Prepared & Analyzed: 03/21/2017
4,4'-DDD	0.0251	0.000330	mg/kg wet	0.0333		75.4	40-140				
4,4'-DDE	0.0253	0.000330	"	0.0333		75.9	40-140				
4,4'-DDT	0.0249	0.000330	"	0.0333		74.7	40-140				
Aldrin	0.0251	0.000330	"	0.0333		75.2	40-140				
alpha-BHC	0.0268	0.000330	"	0.0333		80.5	40-140				
alpha-Chlordane	0.0232	0.000330	"	0.0333		69.7	40-140				
beta-BHC	0.0239	0.000330	"	0.0333		71.8	40-140				
delta-BHC	0.0273	0.000330	"	0.0333		81.8	40-140				
Dieldrin	0.0240	0.000330	"	0.0333		72.0	40-140				
Endosulfan I	0.0241	0.000330	"	0.0333		72.3	40-140				
Endosulfan II	0.0237	0.000330	"	0.0333		71.1	40-140				
Endosulfan sulfate	0.0257	0.000330	"	0.0333		77.2	40-140				
Endrin	0.0255	0.000330	"	0.0333		76.6	40-140				
Endrin aldehyde	0.0234	0.000330	"	0.0333		70.3	40-140				
Endrin ketone	0.0252	0.000330	"	0.0333		75.7	40-140				
gamma-BHC (Lindane)	0.0256	0.000330	"	0.0333		76.8	40-140				
gamma-Chlordane	0.0224	0.000330	"	0.0333		67.1	40-140				
Heptachlor	0.0233	0.000330	"	0.0333		69.8	40-140				
Heptachlor epoxide	0.0239	0.000330	"	0.0333		71.6	40-140				
Methoxychlor	0.0234	0.000330	"	0.0333		70.1	40-140				
Surrogate: Decachlorobiphenyl	*0.0317*		*"*	*0.0667*		*47.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0400*		*"*	*0.0667*		*60.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y7C2008 - BB70285											
Performance Mix (Y7C2008-PEM1)								Prepared & Analyzed: 03/17/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.436		"	0.00			0-200				
4,4'-DDT	150		"	200		75.0	0-200				
Endrin	86.8		"	100		86.8	0-200				
Endrin aldehyde	1.20		"	0.00			0-200				
Endrin ketone	3.52		"	0.00			0-200				
Performance Mix (Y7C2008-PEM2)								Prepared & Analyzed: 03/17/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.481		"	0.00			0-200				
4,4'-DDT	181		"	200		90.6	0-200				
Endrin	106		"	100		106	0-200				
Endrin aldehyde	0.966		"	0.00			0-200				
Endrin ketone	4.37		"	0.00			0-200				
Performance Mix (Y7C2008-PEM3)								Prepared & Analyzed: 03/17/2017			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.520		"	0.00			0-200				
4,4'-DDT	160		"	200		79.9	0-200				
Endrin	94.4		"	100		94.4	0-200				
Endrin aldehyde	0.818		"	0.00			0-200				
Endrin ketone	4.16		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70729 - EPA 3550C											
Blank (BC70729-BLK2)								Prepared & Analyzed: 03/17/2017			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0403*		*"*	*0.0667*		*60.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0380*		*"*	*0.0667*		*57.0*	*30-140*				
LCS (BC70729-BS2)								Prepared & Analyzed: 03/17/2017			
Aroclor 1016	0.250	0.0167	mg/kg wet	0.333		75.0	40-130				
Aroclor 1260	0.266	0.0167	"	0.333		79.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0480*		*"*	*0.0667*		*72.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0477*		*"*	*0.0667*		*71.5*	*30-140*				
Batch BC70867 - EPA 3550C											
Blank (BC70867-BLK2)								Prepared & Analyzed: 03/21/2017			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0400*		*"*	*0.0667*		*60.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0377*		*"*	*0.0667*		*56.5*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70867 - EPA 3550C											
LCS (BC70867-BS2)									Prepared & Analyzed: 03/21/2017		
Aroclor 1016	0.253	0.0167	mg/kg wet	0.333		76.0	40-130				
Aroclor 1260	0.248	0.0167	"	0.333		74.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0427*		*"*	*0.0667*		*64.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0407*		*"*	*0.0667*		*61.0*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70759 - EPA 3050B											
Blank (BC70759-BLK1)									Prepared & Analyzed: 03/17/2017		
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	0.300	"								
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	1.00	"								
Duplicate (BC70759-DUP1)	*Source sample: 17C0482-03 (SB12_0-1)								Prepared & Analyzed: 03/17/2017		
Aluminum	6060	5.86	mg/kg dry		6850				12.2	35	
Antimony	ND	0.586	"		ND					35	
Arsenic	19.3	1.17	"		22.6				15.7	35	
Barium	140	1.17	"		168				18.5	35	
Beryllium	0.409	0.117	"		0.406				0.860	35	
Cadmium	1.44	0.351	"		1.86				25.0	35	
Calcium	42300	5.86	"		48200				13.1	35	
Chromium	24.6	0.586	"		29.5				18.1	35	
Cobalt	5.23	0.586	"		6.20				17.1	35	
Copper	80.8	0.586	"		97.3				18.5	35	
Iron	26000	2.34	"		29600				12.9	35	
Lead	698	0.351	"		842				18.7	35	
Magnesium	3450	5.86	"		3930				12.8	35	
Manganese	248	0.586	"		300				19.0	35	
Nickel	22.6	0.586	"		26.2				15.1	35	
Potassium	868	5.86	"		981				12.2	35	
Selenium	3.05	1.17	"		2.50				19.8	35	
Silver	ND	0.586	"		ND					35	
Sodium	665	11.7	"		739				10.5	35	
Thallium	ND	1.17	"		ND					35	
Vanadium	25.6	1.17	"		31.0				19.2	35	
Zinc	438	1.17	"		528				18.5	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 BC70759 - EPA 3050B											
Matrix Spike (BC70759-MS1)	*Source sample: 17C0482-03 (SB12_0-1)								Prepared: 03/17/2017 Analyzed: 03/20/2017		
Aluminum	7210	5.86	mg/kg dry	234	6850	154	75-125	High Bias			
Antimony	32.8	0.586	"	29.3	ND	112	75-125				
Arsenic	278	1.17	"	234	22.6	109	75-125				
Barium	418	1.17	"	234	168	107	75-125				
Beryllium	6.33	0.117	"	5.86	0.406	101	75-125				
Cadmium	8.00	0.351	"	5.86	1.86	105	75-125				
Chromium	52.3	0.586	"	23.4	29.5	97.5	75-125				
Cobalt	67.8	0.586	"	58.6	6.20	105	75-125				
Copper	128	0.586	"	29.3	97.3	106	75-125				
Iron	30500	2.34	"	117	29600	758	75-125	High Bias			
Lead	891	0.351	"	58.6	842	83.2	75-125				
Magnesium	4050	5.86	"		3930		75-125				
Manganese	362	0.586	"	58.6	300	106	75-125				
Nickel	88.1	0.586	"	58.6	26.2	106	75-125				
Potassium	1010	5.86	"		981		75-125				
Selenium	264	1.17	"	234	2.50	112	75-125				
Silver	4.91	0.586	"	5.86	ND	83.8	75-125				
Sodium	780	11.7	"		739		75-125				
Thallium	240	1.17	"	234	ND	102	75-125				
Vanadium	90.8	1.17	"	58.6	31.0	102	75-125				
Zinc	575	1.17	"	58.6	528	79.8	75-125				
Reference (BC70759-SRM1)									Prepared & Analyzed: 03/17/2017		
Aluminum	9760	5.00	mg/kg wet	8200		119	40-159.7				
Antimony	122	0.500	"	105		116	19.6-254.3				
Arsenic	263	1.00	"	221		119	71-133.5				
Barium	523	1.00	"	428		122	74.6-125.5				
Beryllium	127	0.100	"	112		113	75-125				
Cadmium	136	0.300	"	126		108	73.3-126.2				
Calcium	6810	5.00	"	6160		111	73.9-126.1				
Chromium	89.4	0.500	"	74.7		120	68.5-131.3				
Cobalt	212	0.500	"	198		107	74.7-125.8				
Copper	105	0.500	"	83.3		126	73.8-130.8				
Iron	21600	2.00	"	14600		148	36.1-163.7				
Lead	89.0	0.300	"	76.9		116	68.8-131.3				
Magnesium	3510	5.00	"	3180		110	66.9-133.3				
Manganese	502	0.500	"	452		111	76.5-123.5				
Nickel	201	0.500	"	178		113	73.6-128.7				
Potassium	3150	5.00	"	2820		112	62.1-137.9				
Selenium	125	1.00	"	111		112	65.7-134.2				
Silver	64.8	0.500	"	59.6		109	66.8-133.1				
Sodium	699	10.0	"	643		109	54.9-145				
Thallium	132	1.00	"	151		87.5	68.2-131.1				
Vanadium	178	1.00	"	150		119	70.7-129.3				
Zinc	360	1.00	"	338		107	71.9-127.8				

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 BC70668 - EPA 7473 soil											
Blank (BC70668-BLK1)								Prepared & Analyzed: 03/16/2017			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BC70668-DUP1)	*Source sample: 17C0482-01 (SB06_7.5-8)							Prepared & Analyzed: 03/16/2017			
Mercury	0.296	0.0349	mg/kg dry		0.361				19.8	35	
Matrix Spike (BC70668-MS1)	*Source sample: 17C0482-01 (SB06_7.5-8)							Prepared & Analyzed: 03/16/2017			
Mercury	0.732		mg/kg	0.500	0.311	84.2	75-125				
Reference (BC70668-SRM1)								Prepared & Analyzed: 03/16/2017			
Mercury	18.210		mg/kg	13.8		132	51.4-168.8				

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 BC70842 - % Solids Prep											
Duplicate (BC70842-DUP1)	*Source sample: 17C0482-01 (SB06_7.5-8)								Prepared & Analyzed: 03/20/2017		
% Solids	83.0	0.100	%		86.0				3.51	20	
Batch BC70847 - % Solids Prep											
Duplicate (BC70847-DUP1)	*Source sample: 17C0482-02 (SB06_8-9)								Prepared & Analyzed: 03/20/2017		
% Solids	90.5	0.100	%		89.2				1.43	20	
Duplicate (BC70847-DUP2)	*Source sample: 17C0482-03 (SB12_0-1)								Prepared & Analyzed: 03/20/2017		
% Solids	86.1	0.100	%		85.4				0.832	20	
Duplicate (BC70847-DUP3)	*Source sample: 17C0482-04 (SB12_4.5-5)								Prepared & Analyzed: 03/20/2017		
% Solids	91.2	0.100	%		90.9				0.290	20	
Duplicate (BC70847-DUP4)	*Source sample: 17C0482-06 (SB14_5-6)								Prepared & Analyzed: 03/20/2017		
% Solids	88.5	0.100	%		90.4				2.11	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70883 - Analysis Preparation Soil											
Blank (BC70883-BLK1)								Prepared & Analyzed: 03/21/2017			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BC70883-DUP1)	*Source sample: 17C0482-02 (SB06_8-9)							Prepared & Analyzed: 03/21/2017			
Cyanide, total	ND	0.561	mg/kg dry		ND					15	
Matrix Spike (BC70883-MS1)	*Source sample: 17C0482-02 (SB06_8-9)							Prepared & Analyzed: 03/21/2017			
Cyanide, total	9.08	0.561	mg/kg dry	11.2	ND	81.0	79.6-107				
Reference (BC70883-SRM1)								Prepared & Analyzed: 03/21/2017			
Cyanide, total	63.5		ug/mL	53.9		118	37.5-163.7				
Batch BC70886 - EPA SW846-3060											
Blank (BC70886-BLK1)								Prepared & Analyzed: 03/21/2017			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BC70886-DUP1)	*Source sample: 17C0482-01 (SB06_7.5-8)							Prepared & Analyzed: 03/21/2017			
Chromium, Hexavalent	ND	0.582	mg/kg dry		ND					35	
Matrix Spike (BC70886-MS1)	*Source sample: 17C0482-01 (SB06_7.5-8)							Prepared & Analyzed: 03/21/2017			
Chromium, Hexavalent	3.26	0.582	mg/kg dry	23.3	ND	14.0	75-125	Low Bias			
Reference (BC70886-SRM1)								Prepared & Analyzed: 03/21/2017			
Chromium, Hexavalent	38.0		mg/L	46.6		81.5	18.3-202				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17C0482-01	SB06_7.5-8	40mL Vial with Stir Bar-Cool 4° C
17C0482-02	SB06_8-9	40mL Vial with Stir Bar-Cool 4° C
17C0482-03	SB12_0-1	40mL Vial with Stir Bar-Cool 4° C
17C0482-04	SB12_4.5-5	40mL Vial with Stir Bar-Cool 4° C
17C0482-05	SB14_0.5-1.5	40mL Vial with Stir Bar-Cool 4° C
17C0482-06	SB14_5-6	40mL Vial with Stir Bar-Cool 4° C
17C0482-07	SB08_0-1	40mL Vial with Stir Bar-Cool 4° C
17C0482-08	SB08_5-6	40mL Vial with Stir Bar-Cool 4° C
17C0482-09	SB07_0-1	40mL Vial with Stir Bar-Cool 4° C
17C0482-10	SB07_5-6	40mL Vial with Stir Bar-Cool 4° C
17C0482-11	SB09_0-1	40mL Vial with Stir Bar-Cool 4° C
17C0482-12	SB09_7.5-8	40mL Vial with Stir Bar-Cool 4° C
17C0482-13	SB10_0-1	40mL Vial with Stir Bar-Cool 4° C
17C0482-14	SB10_5-6	40mL Vial with Stir Bar-Cool 4° C
17C0482-15	SB11_0-1	40mL Vial with Stir Bar-Cool 4° C
17C0482-16	SB11_4-5	40mL Vial with Stir Bar-Cool 4° C
17C0482-17	SBDUP01_031217	40mL Vial with Stir Bar-Cool 4° C

Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
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.
M-LSRD	Original sample conc <50 X reporting limit.
M-HCSpk	Sample conc. >10 X spike conc.
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.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
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.

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*	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.

Corrective Action: The MS/MSD listed on COC page 2 are associated with sample SS-01 in WO 17C0484 and will be used for VOC MS/MSD. Per client request, MS/MSD analysis for non-volatile parameters for this WO was perfomed on samples designated for MS/MSD by the lab analyst.

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. 17C0482

YOUR Information

Company: Langan
Address: 360 West 31st Street, New York, NY 10001
Phone No. 212-479-5400
Contact Person: Kim Delcol
E-Mail Address: KDELCOL@langan.com

Report To:

Company:
Address:
Phone No. SAME
Attention:
E-Mail Address:

Invoice To:

Company:
Address:
Phone No. SAME
Attention:
E-Mail Address:

YOUR Project ID

335 Bond Street

Purchase Order No.

1703625O1

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
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel X
- NYSDEC EQuIS
- 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):

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)

KIM NOONAN
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 Non Discharge Version	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)
SB06-7.5-9	3/11/17 1010	SOIL	PART 375/TCL VOCs, SVOCs, PCBs, PESTICIDES and PART 375/TAL TOTAL and DISSOLVED METALS	3-VIALS, (1) 8oz GLASS JAR
SB06-8-9	3/11/17 1015			
SB12-0-1	3/11/17 1235			
SB12-4.5-5	3/11/17 1245			
SB14-0.5-1.5	3/11/17 1145			
SB14-5-6	3/11/17 1155			
SB08-0-1	3/12/17 0750			
SB08-5-6	3/12/17 0805			
SB07-0-1	3/12/17 0910			
SB07-5-6	3/12/17 0915			

Comments: samples on ice

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: Kimberly McCall/Langan 3/13/17 1200 — Date/Time
Samples Relinquished By ___ Date/Time

Samples Received By: [illegible] 3/13 1205 — Date/Time
Samples Received in LAB by: TC Mahla 3/13/17 1815 — Date/Time

Temperature on Receipt 1.2 °C

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. 17C0482

YOUR Information

Company: Langan
Address: 360 West 31st Street, New York, NY
Phone No. 212-479-5400
Contact Person: Kim Del Col
E-Mail Address: KDELCOL@langan.com

Report To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address: SAME
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

335 Bond Street

Purchase Order No.

170362501

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
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Report Type

- Summary Report X
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Electronic Data Deliverables (EDD)

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- NYSDEC EQuIS
- 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):

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)
Kim Nagotko
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 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	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)
SB09_0-1	3/12/17 1010	SOIL	Part 375/TCL VOCs SVOCs, PCBs, Pesticides and Part 375/TAL total and dissolved Metals	4 VIALS, (1) 8oz glass jar
SB09_7.5-8	3/12/17 1015			
SB10_0-1	3/12/17 1130			
SB10_5-6	3/12/17 1155			
SB11_0-1	3/12/17 1415			
SB11_4-5	3/12/17 1420			
SB01P01-031217	3/12/17 -			
MS-SB01-031217	3/12/17 1555			
MSD-SB01-031217	3/12/17 1600			

Comments
Samples on ice

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Kimberly Del Col/Langan 3/13/17 1200
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

Samples Received By — Date/Time 3/13 1205p

TC Tuhela 3/13/17 1815
Samples Received in LAB by — Date/Time

Temperature on Receipt 1.2 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Del Col

Report Date: 03/21/2017
Client Project ID: 170362501
York Project (SDG) No.: 17C0484

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: 03/21/2017
Client Project ID: 170362501
York Project (SDG) No.: 17C0484

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Del Col

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 13, 2017 and listed below. The project was identified as your project: **170362501**.

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 Notes 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 attachment to 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
17C0484-01	SS02_031117	Soil	03/11/2017	03/13/2017
17C0484-02	SS01_031217	Soil	03/12/2017	03/13/2017

General Notes for York Project (SDG) No.: 17C0484

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. 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: 03/21/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SS02_031117 **York Sample ID:** 17C0484-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0484	170362501	Soil	March 11, 2017 9:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.081	0.16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
78-93-3	**2-Butanone**	**0.021**		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK

Sample Information

Client Sample ID: SS02_031117 **York Sample ID:** 17C0484-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0484	170362501	Soil	March 11, 2017 9:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
67-64-1	**Acetone**	**0.091**		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
71-43-2	Benzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
75-25-2	Bromoform	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 07:59	03/21/2017 11:34	BK
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/21/2017 07:59	03/21/2017 11:34	BK

Sample Information

Client Sample ID: SS02_031117 **York Sample ID:** 17C0484-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0484	170362501	Soil	March 11, 2017 9:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP	03/21/2017 11:34	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 NELAC-NY10854,NJDEP	03/21/2017 11:34	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP	03/21/2017 11:34	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 NELAC-NY10854,NJDEP	03/21/2017 11:34	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 11:34	BK
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP	03/21/2017 11:34	BK
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP	03/21/2017 11:34	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854	03/21/2017 11:34	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854	03/21/2017 11:34	BK
99-87-6	p-Isopropyltoluene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP	03/21/2017 11:34	BK
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP	03/21/2017 11:34	BK
100-42-5	Styrene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP	03/21/2017 11:34	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 NELAC-NY10854,NJDEP	03/21/2017 11:34	BK
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP	03/21/2017 11:34	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 11:34	BK
108-88-3	Toluene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 11:34	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP	03/21/2017 11:34	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 11:34	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 11:34	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 11:34	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0040	0.0081	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 11:34	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.024	1	EPA 8260C Certifications:	03/21/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 11:34	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*116 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*114 %*	*85-120*

Sample Information

Client Sample ID: SS02_031117 **York Sample ID:** 17C0484-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0484	170362501	Soil	March 11, 2017 9:10 am	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
460-00-4	*Surrogate: p-Bromofluorobenzene*	*123 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**43.9**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	03/20/2017 16:30	03/21/2017 09:48	TAJ

Sample Information

Client Sample ID: SS01_031217 **York Sample ID:** 17C0484-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0484	170362501	Soil	March 12, 2017 3:50 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK

Sample Information

Client Sample ID: SS01_031217 **York Sample ID:** 17C0484-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0484	170362501	Soil	March 12, 2017 3:50 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.071	0.14	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
67-64-1	Acetone	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/20/2017 07:45	03/20/2017 11:13	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 07:45	03/20/2017 11:13	BK

Sample Information

Client Sample ID: SS01_031217 **York Sample ID:** 17C0484-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0484	170362501	Soil	March 12, 2017 3:50 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 11:13	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 11:13	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 11:13	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 11:13	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 NELAC-NY10854,NJDEP,PADEP	03/20/2017 11:13	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 11:13	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/20/2017 11:13	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854	03/20/2017 11:13	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854	03/20/2017 11:13	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 11:13	BK
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	03/20/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/20/2017 11:13	BK

Sample Information

Client Sample ID: SS01_031217 **York Sample ID:** 17C0484-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0484	170362501	Soil	March 12, 2017 3:50 pm	03/13/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	03/20/2017 07:45	03/20/2017 11:13	BK
								Certifications: NELAC-NY10854,NJDEP			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	03/20/2017 07:45	03/20/2017 11:13	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
127-18-4	**Tetrachloroethylene**	**0.063**		mg/kg dry	0.0035	0.0071	1	EPA 8260C	03/20/2017 07:45	03/20/2017 11:13	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	03/20/2017 07:45	03/20/2017 11:13	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	03/20/2017 07:45	03/20/2017 11:13	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	03/20/2017 07:45	03/20/2017 11:13	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	03/20/2017 07:45	03/20/2017 11:13	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	03/20/2017 07:45	03/20/2017 11:13	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	03/20/2017 07:45	03/20/2017 11:13	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C	03/20/2017 07:45	03/20/2017 11:13	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*113 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**74.8**		%	0.100	0.100	1	SM 2540G	03/20/2017 16:30	03/21/2017 09:48	TAJ
								Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BC70822 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17C0484-02	SS01_031217	03/20/17
BC70822-BLK1	Blank	03/20/17
BC70822-BS1	LCS	03/20/17
BC70822-BSD1	LCS Dup	03/20/17
BC70822-MS1	Matrix Spike	03/20/17
BC70822-MSD1	Matrix Spike Dup	03/20/17

Batch ID: BC70851 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
17C0484-01	SS02_031117	03/20/17
17C0484-02	SS01_031217	03/20/17
BC70851-DUP1	Duplicate	03/20/17

Batch ID: BC70875 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17C0484-01	SS02_031117	03/21/17
BC70875-BLK1	Blank	03/21/17
BC70875-BS1	LCS	03/21/17
BC70875-BSD1	LCS Dup	03/21/17

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 BC70822 - EPA 5035A											
Blank (BC70822-BLK1)											Prepared & Analyzed: 03/20/2017
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

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 BC70822 - EPA 5035A											
Blank (BC70822-BLK1)											Prepared & Analyzed: 03/20/2017
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.5*	*76-130*				
LCS (BC70822-BS1)											Prepared & Analyzed: 03/20/2017
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	75-129				
1,1,1-Trichloroethane	57		"	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	54		"	50.0		108	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		110	58-146				
1,1,2-Trichloroethane	54		"	50.0		108	83-123				
1,1-Dichloroethane	58		"	50.0		116	75-130				
1,1-Dichloroethylene	56		"	50.0		111	64-137				
1,2,3-Trichlorobenzene	57		"	50.0		113	81-140				
1,2,3-Trichloropropane	52		"	50.0		104	81-126				
1,2,4-Trichlorobenzene	56		"	50.0		113	80-141				
1,2,4-Trimethylbenzene	55		"	50.0		110	84-125				
1,2-Dibromo-3-chloropropane	54		"	50.0		107	74-142				
1,2-Dibromoethane	58		"	50.0		115	86-123				
1,2-Dichlorobenzene	55		"	50.0		110	85-122				
1,2-Dichloroethane	54		"	50.0		108	71-133				
1,2-Dichloropropane	55		"	50.0		110	81-122				
1,3,5-Trimethylbenzene	55		"	50.0		110	82-126				
1,3-Dichlorobenzene	55		"	50.0		110	84-124				
1,4-Dichlorobenzene	56		"	50.0		111	84-124				
1,4-Dioxane	1100		"	1000		112	10-228				
2-Butanone	56		"	50.0		113	58-147				
2-Hexanone	52		"	50.0		104	70-139				
4-Methyl-2-pentanone	51		"	50.0		102	72-132				
Acetone	63		"	50.0		126	36-155				
Acrolein	53		"	50.0		105	10-238				
Acrylonitrile	55		"	50.0		110	66-141				
Benzene	58		"	50.0		115	77-127				
Bromochloromethane	58		"	50.0		116	74-129				
Bromodichloromethane	56		"	50.0		111	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 BC70822 - EPA 5035A											
LCS (BC70822-BS1)								Prepared & Analyzed: 03/20/2017			
Bromoform	59		ug/L	50.0		118	80-136				
Bromomethane	51		"	50.0		102	32-177				
Carbon disulfide	55		"	50.0		111	10-136				
Carbon tetrachloride	58		"	50.0		115	66-143				
Chlorobenzene	55		"	50.0		111	86-120				
Chloroethane	56		"	50.0		111	51-142				
Chloroform	59		"	50.0		117	76-131				
Chloromethane	52		"	50.0		104	49-132				
cis-1,2-Dichloroethylene	59		"	50.0		119	74-132				
cis-1,3-Dichloropropylene	57		"	50.0		113	81-129				
Cyclohexane	56		"	50.0		112	70-130				
Dibromochloromethane	59		"	50.0		118	10-200				
Dibromomethane	59		"	50.0		118	83-124				
Dichlorodifluoromethane	57		"	50.0		114	28-158				
Ethyl Benzene	53		"	50.0		106	84-125				
Hexachlorobutadiene	56		"	50.0		113	83-133				
Isopropylbenzene	56		"	50.0		113	81-127				
Methyl acetate	50		"	50.0		101	41-143				
Methyl tert-butyl ether (MTBE)	58		"	50.0		117	74-131				
Methylcyclohexane	55		"	50.0		109	70-130				
Methylene chloride	52		"	50.0		104	57-141				
n-Butylbenzene	52		"	50.0		105	80-130				
n-Propylbenzene	54		"	50.0		108	74-136				
o-Xylene	54		"	50.0		108	83-123				
p- & m- Xylenes	110		"	100		106	82-128				
p-Isopropyltoluene	56		"	50.0		112	85-125				
sec-Butylbenzene	56		"	50.0		112	83-125				
Styrene	54		"	50.0		109	86-126				
tert-Butyl alcohol (TBA)	51		"	50.0		102	70-130				
tert-Butylbenzene	56		"	50.0		112	80-127				
Tetrachloroethylene	57		"	50.0		113	80-129				
Toluene	53		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	59		"	50.0		118	72-132				
trans-1,3-Dichloropropylene	56		"	50.0		112	78-132				
Trichloroethylene	56		"	50.0		113	84-123				
Trichlorofluoromethane	57		"	50.0		114	62-140				
Vinyl Chloride	55		"	50.0		111	52-130				
Surrogate: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*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 BC70822 - EPA 5035A											
LCS Dup (BC70822-BSD1)								Prepared & Analyzed: 03/20/2017			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	75-129		2.22	30	
1,1,1-Trichloroethane	56		"	50.0		112	71-137		2.14	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		2.26	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	58-146		1.92	30	
1,1,2-Trichloroethane	53		"	50.0		105	83-123		2.80	30	
1,1-Dichloroethane	56		"	50.0		111	75-130		4.47	30	
1,1-Dichloroethylene	55		"	50.0		110	64-137		1.25	30	
1,2,3-Trichlorobenzene	54		"	50.0		108	81-140		4.71	30	
1,2,3-Trichloropropane	55		"	50.0		109	81-126		4.82	30	
1,2,4-Trichlorobenzene	53		"	50.0		107	80-141		5.52	30	
1,2,4-Trimethylbenzene	55		"	50.0		110	84-125		0.509	30	
1,2-Dibromo-3-chloropropane	52		"	50.0		104	74-142		2.94	30	
1,2-Dibromoethane	54		"	50.0		108	86-123		6.66	30	
1,2-Dichlorobenzene	54		"	50.0		108	85-122		2.29	30	
1,2-Dichloroethane	53		"	50.0		106	71-133		2.54	30	
1,2-Dichloropropane	55		"	50.0		109	81-122		1.22	30	
1,3,5-Trimethylbenzene	54		"	50.0		108	82-126		1.51	30	
1,3-Dichlorobenzene	55		"	50.0		110	84-124		0.0910	30	
1,4-Dichlorobenzene	54		"	50.0		108	84-124		3.42	30	
1,4-Dioxane	1100		"	1000		109	10-228		2.94	30	
2-Butanone	51		"	50.0		102	58-147		9.73	30	
2-Hexanone	52		"	50.0		103	70-139		0.521	30	
4-Methyl-2-pentanone	52		"	50.0		105	72-132		2.17	30	
Acetone	50		"	50.0		100	36-155		22.7	30	
Acrolein	55		"	50.0		109	10-238		3.54	30	
Acrylonitrile	56		"	50.0		111	66-141		1.34	30	
Benzene	56		"	50.0		113	77-127		2.07	30	
Bromochloromethane	56		"	50.0		113	74-129		2.86	30	
Bromodichloromethane	55		"	50.0		110	81-124		1.30	30	
Bromoform	57		"	50.0		114	80-136		3.43	30	
Bromomethane	50		"	50.0		99.7	32-177		1.93	30	
Carbon disulfide	55		"	50.0		110	10-136		0.525	30	
Carbon tetrachloride	54		"	50.0		109	66-143		5.96	30	
Chlorobenzene	54		"	50.0		108	86-120		2.70	30	
Chloroethane	54		"	50.0		109	51-142		2.00	30	
Chloroform	49		"	50.0		98.8	76-131		17.1	30	
Chloromethane	52		"	50.0		103	49-132		0.870	30	
cis-1,2-Dichloroethylene	58		"	50.0		115	74-132		3.03	30	
cis-1,3-Dichloropropylene	55		"	50.0		110	81-129		3.24	30	
Cyclohexane	56		"	50.0		111	70-130		0.467	30	
Dibromochloromethane	55		"	50.0		111	10-200		6.10	30	
Dibromomethane	57		"	50.0		115	83-124		2.99	30	
Dichlorodifluoromethane	55		"	50.0		109	28-158		4.71	30	
Ethyl Benzene	52		"	50.0		104	84-125		2.48	30	
Hexachlorobutadiene	54		"	50.0		109	83-133		3.34	30	
Isopropylbenzene	54		"	50.0		108	81-127		4.02	30	
Methyl acetate	49		"	50.0		97.6	41-143		2.97	30	
Methyl tert-butyl ether (MTBE)	56		"	50.0		113	74-131		3.54	30	
Methylcyclohexane	54		"	50.0		109	70-130		0.478	30	
Methylene chloride	54		"	50.0		108	57-141		3.77	30	
n-Butylbenzene	53		"	50.0		105	80-130		0.628	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

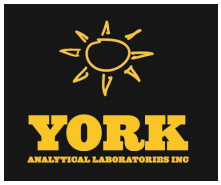
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70822 - EPA 5035A											
LCS Dup (BC70822-BSD1)								Prepared & Analyzed: 03/20/2017			
n-Propylbenzene	54		ug/L	50.0		109	74-136		0.996	30	
o-Xylene	53		"	50.0		106	83-123		1.98	30	
p- & m- Xylenes	100		"	100		103	82-128		2.71	30	
p-Isopropyltoluene	56		"	50.0		112	85-125		0.608	30	
sec-Butylbenzene	55		"	50.0		109	83-125		2.48	30	
Styrene	53		"	50.0		107	86-126		1.71	30	
tert-Butyl alcohol (TBA)	50		"	50.0		101	70-130		0.948	30	
tert-Butylbenzene	55		"	50.0		110	80-127		1.35	30	
Tetrachloroethylene	55		"	50.0		109	80-129		3.59	30	
Toluene	52		"	50.0		105	85-121		1.57	30	
trans-1,2-Dichloroethylene	57		"	50.0		114	72-132		3.58	30	
trans-1,3-Dichloropropylene	54		"	50.0		109	78-132		2.54	30	
Trichloroethylene	55		"	50.0		110	84-123		2.81	30	
Trichlorofluoromethane	55		"	50.0		109	62-140		4.08	30	
Vinyl Chloride	53		"	50.0		106	52-130		4.38	30	
Surrogate: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.7*	*77-125*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.3*		*"*	*50.0*		*103*	*76-130*				
Matrix Spike (BC70822-MS1)	*Source sample: 17C0484-02 (SS01_031217)							Prepared & Analyzed: 03/20/2017			
1,1,1,2-Tetrachloroethane	9.7		ug/L	50.0	ND	19.4	15-161				
1,1,1-Trichloroethane	21		"	50.0	ND	42.0	42-145				
1,1,2,2-Tetrachloroethane	12		"	50.0	ND	24.8	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	50.0	ND	23.8	11-160				
1,1,2-Trichloroethane	22		"	50.0	ND	44.0	44-145				
1,1-Dichloroethane	36		"	50.0	ND	72.9	46-142				
1,1-Dichloroethylene	31		"	50.0	ND	61.7	30-153				
1,2,3-Trichlorobenzene	1.3		"	50.0	ND	2.68	10-157	Low Bias			
1,2,3-Trichloropropane	17		"	50.0	ND	33.6	38-155	Low Bias			
1,2,4-Trichlorobenzene	1.1		"	50.0	ND	2.22	10-151	Low Bias			
1,2,4-Trimethylbenzene	2.2		"	50.0	ND	4.48	10-170	Low Bias			
1,2-Dibromo-3-chloropropane	7.8		"	50.0	ND	15.7	36-138	Low Bias			
1,2-Dibromoethane	21		"	50.0	ND	42.2	40-142				
1,2-Dichlorobenzene	2.9		"	50.0	ND	5.72	10-147	Low Bias			
1,2-Dichloroethane	35		"	50.0	ND	69.7	48-133				
1,2-Dichloropropane	30		"	50.0	ND	59.6	47-141				
1,3,5-Trimethylbenzene	2.0		"	50.0	ND	4.10	10-150	Low Bias			
1,3-Dichlorobenzene	2.7		"	50.0	ND	5.42	10-144	Low Bias			
1,4-Dichlorobenzene	3.2		"	50.0	ND	6.36	10-160	Low Bias			
1,4-Dioxane	1400		"	1000	ND	141	10-191				
2-Butanone	0.0		"	50.0	ND		10-189	Low Bias			
2-Hexanone	1.3		"	50.0	ND	2.62	10-181	Low Bias			
4-Methyl-2-pentanone	2.8		"	50.0	ND	5.58	10-166	Low Bias			
Acetone	8.3		"	50.0	ND	16.6	10-196				
Acrolein	28		"	50.0	ND	55.0	10-192				
Acrylonitrile	0.0		"	50.0	ND		13-161	Low Bias			
Benzene	13		"	50.0	ND	26.6	43-139	Low Bias			
Bromochloromethane	36		"	50.0	ND	71.6	38-145				
Bromodichloromethane	17		"	50.0	ND	34.9	38-147	Low Bias			
Bromoform	8.2		"	50.0	ND	16.4	29-156	Low Bias			
Bromomethane	18		"	50.0	ND	35.8	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 BC70822 - EPA 5035A											
Matrix Spike (BC70822-MS1)	*Source sample: 17C0484-02 (SS01_031217)							Prepared & Analyzed: 03/20/2017			
Carbon disulfide	13		ug/L	50.0	ND	25.4	10-131				
Carbon tetrachloride	6.2		"	50.0	ND	12.4	35-145	Low Bias			
Chlorobenzene	7.7		"	50.0	ND	15.4	21-154	Low Bias			
Chloroethane	40		"	50.0	ND	80.7	15-160				
Chloroform	32		"	50.0	ND	64.6	47-142				
Chloromethane	20		"	50.0	ND	39.7	10-159				
cis-1,2-Dichloroethylene	30		"	50.0	ND	60.5	42-144				
cis-1,3-Dichloropropylene	12		"	50.0	ND	24.7	18-159				
Cyclohexane	5.9		"	50.0	ND	11.8	70-130	Low Bias			
Dibromochloromethane	10		"	50.0	ND	20.4	10-179				
Dibromomethane	33		"	50.0	ND	66.8	47-143				
Dichlorodifluoromethane	5.7		"	50.0	ND	11.4	10-145				
Ethyl Benzene	4.0		"	50.0	ND	7.92	11-158	Low Bias			
Hexachlorobutadiene	0.0		"	50.0	ND		10-158	Low Bias			
Isopropylbenzene	2.6		"	50.0	ND	5.26	10-162	Low Bias			
Methyl acetate	4.7		"	50.0	ND	9.38	10-149	Low Bias			
Methyl tert-butyl ether (MTBE)	49		"	50.0	ND	97.3	42-152				
Methylcyclohexane	3.3		"	50.0	ND	6.56	70-130	Low Bias			
Methylene chloride	41		"	50.0	ND	81.1	28-151				
n-Butylbenzene	0.0		"	50.0	ND		10-162	Low Bias			
n-Propylbenzene	2.3		"	50.0	ND	4.62	10-155	Low Bias			
o-Xylene	3.9		"	50.0	ND	7.74	10-158	Low Bias			
p- & m- Xylenes	7.0		"	100	ND	7.03	10-156	Low Bias			
p-Isopropyltoluene	1.2		"	50.0	ND	2.32	10-147	Low Bias			
sec-Butylbenzene	1.2		"	50.0	ND	2.46	10-157	Low Bias			
Styrene	2.5		"	50.0	ND	5.06	13-171	Low Bias			
tert-Butyl alcohol (TBA)	55		"	50.0	ND	110	34-179				
tert-Butylbenzene	1.9		"	50.0	ND	3.86	10-160	Low Bias			
Tetrachloroethylene	48		"	50.0	47	1.56	30-167	Low Bias			
Toluene	8.2		"	50.0	ND	16.4	21-160	Low Bias			
trans-1,2-Dichloroethylene	27		"	50.0	ND	53.1	29-153				
trans-1,3-Dichloropropylene	3.8		"	50.0	ND	7.58	18-155	Low Bias			
Trichloroethylene	19		"	50.0	ND	37.1	24-169				
Trichlorofluoromethane	26		"	50.0	ND	52.6	35-142				
Vinyl Chloride	29		"	50.0	ND	57.4	12-160				
Surrogate: 1,2-Dichloroethane-d4	*53.8*		*"*	*50.0*		*108*	*77-125*				
Surrogate: Toluene-d8	*55.4*		*"*	*50.0*		*111*	*85-120*				
Surrogate: p-Bromofluorobenzene	*57.3*		*"*	*50.0*		*115*	*70-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70822 - EPA 5035A											
Matrix Spike Dup (BC70822-MSD1)	*Source sample: 17C0484-02 (SS01_031217)							Prepared & Analyzed: 03/20/2017			
1,1,1,2-Tetrachloroethane	4.7		ug/L	50.0	ND	9.32	15-161	Low Bias	70.1	33	Non-dir.
1,1,1-Trichloroethane	16		"	50.0	ND	32.9	42-145	Low Bias	24.3	30	
1,1,2,2-Tetrachloroethane	7.5		"	50.0	ND	15.1	16-167	Low Bias	48.7	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	20		"	50.0	ND	39.7	11-160		50.1	31	Non-dir.
1,1,2-Trichloroethane	16		"	50.0	ND	31.9	44-145	Low Bias	31.9	40	
1,1-Dichloroethane	29		"	50.0	ND	58.0	46-142		22.7	36	
1,1-Dichloroethylene	26		"	50.0	ND	51.7	30-153		17.6	31	
1,2,3-Trichlorobenzene	0.0		"	50.0	ND		10-157	Low Bias	200	47	Non-dir.
1,2,3-Trichloropropane	13		"	50.0	ND	25.6	38-155	Low Bias	27.1	48	
1,2,4-Trichlorobenzene	0.0		"	50.0	ND		10-151	Low Bias	200	52	Non-dir.
1,2,4-Trimethylbenzene	0.0		"	50.0	ND		10-170	Low Bias	200	242	
1,2-Dibromo-3-chloropropane	3.2		"	50.0	ND	6.36	36-138	Low Bias	84.5	54	Non-dir.
1,2-Dibromoethane	14		"	50.0	ND	28.0	40-142	Low Bias	40.3	39	Non-dir.
1,2-Dichlorobenzene	1.4		"	50.0	ND	2.76	10-147	Low Bias	69.8	52	Non-dir.
1,2-Dichloroethane	26		"	50.0	ND	52.9	48-133		27.3	32	
1,2-Dichloropropane	20		"	50.0	ND	40.9	47-141	Low Bias	37.3	37	Non-dir.
1,3,5-Trimethylbenzene	0.0		"	50.0	ND		10-150	Low Bias	200	62	Non-dir.
1,3-Dichlorobenzene	0.0		"	50.0	ND		10-144	Low Bias	200	51	Non-dir.
1,4-Dichlorobenzene	1.6		"	50.0	ND	3.18	10-160	Low Bias	66.7	52	Non-dir.
1,4-Dioxane	1500		"	1000	ND	150	10-191		6.22	196	
2-Butanone	2.0		"	50.0	ND	4.06	10-189	Low Bias		67	
2-Hexanone	1.6		"	50.0	ND	3.26	10-181	Low Bias	21.8	60	
4-Methyl-2-pentanone	2.9		"	50.0	ND	5.80	10-166	Low Bias	3.87	47	
Acetone	14		"	50.0	ND	27.2	10-196		48.1	150	
Acrolein	22		"	50.0	ND	43.1	10-192		24.4	128	
Acrylonitrile	0.0		"	50.0	ND		13-161	Low Bias		48	
Benzene	18		"	50.0	ND	36.1	43-139	Low Bias	30.4	64	
Bromochloromethane	29		"	50.0	ND	57.8	38-145		21.5	30	
Bromodichloromethane	12		"	50.0	ND	23.3	38-147	Low Bias	39.8	37	Non-dir.
Bromoform	4.4		"	50.0	ND	8.74	29-156	Low Bias	60.9	51	Non-dir.
Bromomethane	13		"	50.0	ND	26.2	10-166		31.1	42	
Carbon disulfide	8.8		"	50.0	ND	17.6	10-131		36.3	36	Non-dir.
Carbon tetrachloride	7.3		"	50.0	ND	14.6	35-145	Low Bias	16.7	31	
Chlorobenzene	4.3		"	50.0	ND	8.56	21-154	Low Bias	57.0	32	Non-dir.
Chloroethane	37		"	50.0	ND	75.0	15-160		7.42	40	
Chloroform	24		"	50.0	ND	48.9	47-142		27.7	29	
Chloromethane	18		"	50.0	ND	36.8	10-159		7.63	31	
cis-1,2-Dichloroethylene	23		"	50.0	ND	46.1	42-144		27.1	30	
cis-1,3-Dichloropropylene	6.2		"	50.0	ND	12.3	18-159	Low Bias	66.6	39	Non-dir.
Cyclohexane	11		"	50.0	ND	21.7	70-130	Low Bias	59.4	30	Non-dir.
Dibromochloromethane	6.1		"	50.0	ND	12.1	10-179		50.9	41	Non-dir.
Dibromomethane	26		"	50.0	ND	51.0	47-143		26.8	41	
Dichlorodifluoromethane	6.2		"	50.0	ND	12.4	10-145		7.73	34	
Ethyl Benzene	1.6		"	50.0	ND	3.18	11-158	Low Bias	85.4	42	Non-dir.
Hexachlorobutadiene	0.0		"	50.0	ND		10-158	Low Bias		45	
Isopropylbenzene	1.3		"	50.0	ND	2.68	10-162	Low Bias	65.0	57	Non-dir.
Methyl acetate	6.2		"	50.0	ND	12.3	10-149		27.3	64	
Methyl tert-butyl ether (MTBE)	43		"	50.0	ND	85.5	42-152		12.9	47	
Methylcyclohexane	9.1		"	50.0	ND	18.2	70-130	Low Bias	93.9	30	Non-dir.
Methylene chloride	38		"	50.0	ND	75.7	28-151		6.81	49	
n-Butylbenzene	0.0		"	50.0	ND		10-162	Low Bias		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 BC70822 - EPA 5035A											
Matrix Spike Dup (BC70822-MSD1)	*Source sample: 17C0484-02 (SS01_031217)							Prepared & Analyzed: 03/20/2017			
n-Propylbenzene	1.2		ug/L	50.0	ND	2.50	10-155	Low Bias	59.6	56	Non-dir.
o-Xylene	2.3		"	50.0	ND	4.54	10-158	Low Bias	52.1	51	Non-dir.
p- & m- Xylenes	3.3		"	100	ND	3.32	10-156	Low Bias	71.7	47	Non-dir.
p-Isopropyltoluene	0.0		"	50.0	ND		10-147	Low Bias	200	60	Non-dir.
sec-Butylbenzene	0.0		"	50.0	ND		10-157	Low Bias	200	56	Non-dir.
Styrene	1.2		"	50.0	ND	2.32	13-171	Low Bias	74.3	39	Non-dir.
tert-Butyl alcohol (TBA)	56		"	50.0	ND	111	34-179		1.56	35	
tert-Butylbenzene	1.6		"	50.0	ND	3.30	10-160	Low Bias	15.6	79	
Tetrachloroethylene	49		"	50.0	47	4.20	30-167	Low Bias	2.72	33	
Toluene	7.4		"	50.0	ND	14.8	21-160	Low Bias	10.1	50	
trans-1,2-Dichloroethylene	21		"	50.0	ND	41.9	29-153		23.7	30	
trans-1,3-Dichloropropylene	2.2		"	50.0	ND	4.30	18-155	Low Bias	55.2	30	Non-dir.
Trichloroethylene	13		"	50.0	ND	25.9	24-169		35.5	30	Non-dir.
Trichlorofluoromethane	26		"	50.0	ND	52.5	35-142		0.114	30	
Vinyl Chloride	26		"	50.0	ND	52.4	12-160		9.07	35	
Surrogate: 1,2-Dichloroethane-d4	*53.1*		*"*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*54.6*		*"*	*50.0*		*109*	*85-120*				
Surrogate: p-Bromofluorobenzene	*59.5*		*"*	*50.0*		*119*	*70-130*				
Batch BC70875 - EPA 5035A											
Blank (BC70875-BLK1)								Prepared & Analyzed: 03/21/2017			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70875 - EPA 5035A											
Blank (BC70875-BLK1)											Prepared & Analyzed: 03/21/2017
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*53.2*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*85-120*				
Surrogate: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.2*	*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 BC70875 - EPA 5035A											
LCS (BC70875-BS1)							Prepared & Analyzed: 03/21/2017				
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	75-129				
1,1,1-Trichloroethane	56		"	50.0		111	71-137				
1,1,2,2-Tetrachloroethane	54		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		112	58-146				
1,1,2-Trichloroethane	56		"	50.0		112	83-123				
1,1-Dichloroethane	57		"	50.0		114	75-130				
1,1-Dichloroethylene	53		"	50.0		106	64-137				
1,2,3-Trichlorobenzene	57		"	50.0		115	81-140				
1,2,3-Trichloropropane	54		"	50.0		108	81-126				
1,2,4-Trichlorobenzene	56		"	50.0		113	80-141				
1,2,4-Trimethylbenzene	53		"	50.0		106	84-125				
1,2-Dibromo-3-chloropropane	57		"	50.0		115	74-142				
1,2-Dibromoethane	56		"	50.0		111	86-123				
1,2-Dichlorobenzene	55		"	50.0		111	85-122				
1,2-Dichloroethane	55		"	50.0		110	71-133				
1,2-Dichloropropane	54		"	50.0		109	81-122				
1,3,5-Trimethylbenzene	54		"	50.0		109	82-126				
1,3-Dichlorobenzene	56		"	50.0		111	84-124				
1,4-Dichlorobenzene	55		"	50.0		110	84-124				
1,4-Dioxane	1200		"	1000		117	10-228				
2-Butanone	53		"	50.0		105	58-147				
2-Hexanone	54		"	50.0		107	70-139				
4-Methyl-2-pentanone	54		"	50.0		109	72-132				
Acetone	49		"	50.0		98.0	36-155				
Acrolein	52		"	50.0		105	10-238				
Acrylonitrile	54		"	50.0		108	66-141				
Benzene	58		"	50.0		116	77-127				
Bromochloromethane	54		"	50.0		109	74-129				
Bromodichloromethane	54		"	50.0		108	81-124				
Bromoform	61		"	50.0		121	80-136				
Bromomethane	47		"	50.0		94.7	32-177				
Carbon disulfide	54		"	50.0		109	10-136				
Carbon tetrachloride	55		"	50.0		110	66-143				
Chlorobenzene	55		"	50.0		110	86-120				
Chloroethane	52		"	50.0		104	51-142				
Chloroform	57		"	50.0		115	76-131				
Chloromethane	56		"	50.0		112	49-132				
cis-1,2-Dichloroethylene	57		"	50.0		115	74-132				
cis-1,3-Dichloropropylene	55		"	50.0		110	81-129				
Cyclohexane	57		"	50.0		114	70-130				
Dibromochloromethane	56		"	50.0		111	10-200				
Dibromomethane	57		"	50.0		114	83-124				
Dichlorodifluoromethane	57		"	50.0		114	28-158				
Ethyl Benzene	53		"	50.0		106	84-125				
Hexachlorobutadiene	57		"	50.0		113	83-133				
Isopropylbenzene	54		"	50.0		109	81-127				
Methyl acetate	47		"	50.0		94.0	41-143				
Methyl tert-butyl ether (MTBE)	57		"	50.0		114	74-131				
Methylcyclohexane	55		"	50.0		110	70-130				
Methylene chloride	56		"	50.0		111	57-141				
n-Butylbenzene	53		"	50.0		106	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 BC70875 - EPA 5035A											
LCS (BC70875-BS1)								Prepared & Analyzed: 03/21/2017			
n-Propylbenzene	53		ug/L	50.0		106	74-136				
o-Xylene	53		"	50.0		105	83-123				
p- & m- Xylenes	100		"	100		103	82-128				
p-Isopropyltoluene	55		"	50.0		111	85-125				
sec-Butylbenzene	54		"	50.0		108	83-125				
Styrene	53		"	50.0		107	86-126				
tert-Butyl alcohol (TBA)	55		"	50.0		109	70-130				
tert-Butylbenzene	55		"	50.0		111	80-127				
Tetrachloroethylene	55		"	50.0		110	80-129				
Toluene	52		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	57		"	50.0		114	72-132				
trans-1,3-Dichloropropylene	55		"	50.0		109	78-132				
Trichloroethylene	57		"	50.0		113	84-123				
Trichlorofluoromethane	54		"	50.0		109	62-140				
Vinyl Chloride	55		"	50.0		111	52-130				
Surrogate: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.3*	*77-125*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*76-130*				
LCS Dup (BC70875-BSD1)								Prepared & Analyzed: 03/21/2017			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	75-129		5.98	30	
1,1,1-Trichloroethane	54		"	50.0		109	71-137		1.98	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		101	79-129		5.61	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		105	58-146		7.13	30	
1,1,2-Trichloroethane	53		"	50.0		106	83-123		5.47	30	
1,1-Dichloroethane	54		"	50.0		109	75-130		4.63	30	
1,1-Dichloroethylene	52		"	50.0		104	64-137		1.29	30	
1,2,3-Trichlorobenzene	55		"	50.0		110	81-140		4.56	30	
1,2,3-Trichloropropane	50		"	50.0		100	81-126		7.57	30	
1,2,4-Trichlorobenzene	53		"	50.0		106	80-141		5.81	30	
1,2,4-Trimethylbenzene	50		"	50.0		100	84-125		5.30	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		102	74-142		11.4	30	
1,2-Dibromoethane	54		"	50.0		109	86-123		2.09	30	
1,2-Dichlorobenzene	52		"	50.0		104	85-122		6.29	30	
1,2-Dichloroethane	50		"	50.0		101	71-133		8.88	30	
1,2-Dichloropropane	53		"	50.0		106	81-122		2.49	30	
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126		6.29	30	
1,3-Dichlorobenzene	53		"	50.0		107	84-124		4.12	30	
1,4-Dichlorobenzene	53		"	50.0		105	84-124		4.92	30	
1,4-Dioxane	1100		"	1000		109	10-228		6.76	30	
2-Butanone	50		"	50.0		100	58-147		4.68	30	
2-Hexanone	49		"	50.0		97.8	70-139		8.98	30	
4-Methyl-2-pentanone	50		"	50.0		100	72-132		8.08	30	
Acetone	50		"	50.0		100	36-155		2.54	30	
Acrolein	50		"	50.0		99.1	10-238		5.42	30	
Acrylonitrile	50		"	50.0		100	66-141		7.48	30	
Benzene	56		"	50.0		112	77-127		3.50	30	
Bromochloromethane	54		"	50.0		108	74-129		0.740	30	
Bromodichloromethane	52		"	50.0		104	81-124		3.22	30	
Bromoform	55		"	50.0		110	80-136		9.98	30	
Bromomethane	46		"	50.0		91.0	32-177		3.94	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 BC70875 - EPA 5035A											
LCS Dup (BC70875-BSD1)							Prepared & Analyzed: 03/21/2017				
Carbon disulfide	54		ug/L	50.0		108	10-136		0.663	30	
Carbon tetrachloride	54		"	50.0		108	66-143		1.65	30	
Chlorobenzene	53		"	50.0		105	86-120		3.98	30	
Chloroethane	51		"	50.0		101	51-142		2.40	30	
Chloroform	56		"	50.0		111	76-131		3.16	30	
Chloromethane	54		"	50.0		107	49-132		4.35	30	
cis-1,2-Dichloroethylene	53		"	50.0		107	74-132		7.18	30	
cis-1,3-Dichloropropylene	54		"	50.0		109	81-129		1.70	30	
Cyclohexane	54		"	50.0		107	70-130		6.22	30	
Dibromochloromethane	54		"	50.0		108	10-200		2.68	30	
Dibromomethane	55		"	50.0		110	83-124		3.63	30	
Dichlorodifluoromethane	56		"	50.0		112	28-158		1.92	30	
Ethyl Benzene	51		"	50.0		101	84-125		4.93	30	
Hexachlorobutadiene	54		"	50.0		109	83-133		4.24	30	
Isopropylbenzene	52		"	50.0		103	81-127		5.12	30	
Methyl acetate	45		"	50.0		91.0	41-143		3.27	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		109	74-131		4.37	30	
Methylcyclohexane	52		"	50.0		105	70-130		5.15	30	
Methylene chloride	54		"	50.0		108	57-141		2.40	30	
n-Butylbenzene	49		"	50.0		98.2	80-130		7.38	30	
n-Propylbenzene	51		"	50.0		101	74-136		4.72	30	
o-Xylene	51		"	50.0		101	83-123		4.11	30	
p- & m- Xylenes	99		"	100		98.7	82-128		4.35	30	
p-Isopropyltoluene	53		"	50.0		105	85-125		5.19	30	
sec-Butylbenzene	52		"	50.0		104	83-125		3.60	30	
Styrene	50		"	50.0		100	86-126		6.10	30	
tert-Butyl alcohol (TBA)	47		"	50.0		94.7	70-130		14.5	30	
tert-Butylbenzene	52		"	50.0		104	80-127		6.30	30	
Tetrachloroethylene	53		"	50.0		107	80-129		2.57	30	
Toluene	50		"	50.0		101	85-121		3.83	30	
trans-1,2-Dichloroethylene	54		"	50.0		108	72-132		4.95	30	
trans-1,3-Dichloropropylene	53		"	50.0		106	78-132		3.19	30	
Trichloroethylene	53		"	50.0		105	84-123		7.29	30	
Trichlorofluoromethane	53		"	50.0		106	62-140		2.22	30	
Vinyl Chloride	53		"	50.0		107	52-130		3.90	30	
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.7*	*76-130*				

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 BC70851 - % Solids Prep											
Duplicate (BC70851-DUP1)	*Source sample: 17C0484-02 (SS01_031217)								Prepared: 03/20/2017 Analyzed: 03/21/2017		
% Solids	77.6	0.100	%		74.8				3.69	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17C0484-01	SS02_031117	40mL Vial with Stir Bar-Cool 4° C
17C0484-02	SS01_031217	40mL Vial with Stir Bar-Cool 4° C

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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

Sediment Samples

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. 17C0484

YOUR Information

Company: Langan
Address: 360 West 31st Street New York, NY 10001
Phone No. 212-479-5400
Contact Person: Kim DelCol
E-Mail Address: KDELCOL@langan.com

Report To:

Company:
Address:
Phone No. SAME
Attention:
E-Mail Address:

Invoice To:

Company:
Address:
Phone No. SAME
Attention:
E-Mail Address:

YOUR Project ID

335 Bond Street

Purchase Order No.

170362501

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) ☒

Report Type

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

Electronic Data Deliverables (EDD)

- Simple Excel X
- NYSDEC EQuIS
- 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):

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)

Kim Nagotko
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 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	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)
SS02-031117	3/11/17 0910	Soil	Part 375 / TCL VOCs	4 Vials, (1) 2 oz glass jar
SS01-031217	3/12/17 1550	Soil	Part 375 / TCL VOCs	4 Vials, (1) 2oz glass jar

Comments
Samples on ice

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

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Kimberly DelCol/Langan 3/13/17 1200
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Rob Two 3-13 1200p
Samples Received By Date/Time

TC Fahlen 3/13/17 1815
Samples Received in LAB by Date/Time

Temperature on Receipt 1.2 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Del Col

Report Date: 03/27/2017
Client Project ID: 170362501 335 Bond St BRK
York Project (SDG) No.: 17C0708

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: 03/27/2017
Client Project ID: 170362501 335 Bond St BRK
York Project (SDG) No.: 17C0708

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Del Col

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, 2017 and listed below. The project was identified as your project: **170362501 335 Bond St BRK**.

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 Notes 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 attachment to 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
17C0708-01	MW06_031917	Water	03/19/2017	03/20/2017
17C0708-02	MW09_031917	Water	03/19/2017	03/20/2017
17C0708-03	MW10_031917	Water	03/19/2017	03/20/2017
17C0708-04	MW11_031917	Water	03/19/2017	03/20/2017
17C0708-05	MW14_031917	Water	03/19/2017	03/20/2017
17C0708-06	GWDUP01_031917	Water	03/19/2017	03/20/2017
17C0708-07	GWTB01_031917	Water	03/19/2017	03/20/2017
17C0708-08	FB01_031917	Water	03/19/2017	03/20/2017

General Notes for York Project (SDG) No.: 17C0708

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 samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
9. 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: 03/27/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW06_031917 **York Sample ID:** 17C0708-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:35 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
71-55-6	**1,1,1-Trichloroethane**	**0.31**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
75-34-3	**1,1-Dichloroethane**	**2.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
75-35-4	**1,1-Dichloroethylene**	**0.26**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 13:26	BK

Sample Information

Client Sample ID: MW06_031917 **York Sample ID:** 17C0708-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:35 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
71-43-2	**Benzene**	**0.33**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
156-59-2	**cis-1,2-Dichloroethylene**	**32**	CCV-E	ug/L	2.0	5.0	10	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:08	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 13:26	BK

Sample Information

Client Sample ID: MW06_031917 **York Sample ID:** 17C0708-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:35 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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 Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
79-20-9	Methyl acetate	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.39**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854	03/24/2017 13:26	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854	03/24/2017 13:26	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
127-18-4	**Tetrachloroethylene**	**20**	SCAL-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
156-60-5	**trans-1,2-Dichloroethylene**	**0.38**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
79-01-6	**Trichloroethylene**	**4.4**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 13:26	BK
75-01-4	**Vinyl Chloride**	**190**		ug/L	2.0	5.0	10	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:08	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NJDEP	03/24/2017 13:26	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*69-130*

Sample Information

Client Sample ID: MW06_031917 **York Sample ID:** 17C0708-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:35 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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*	*103 %*			*81-117*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.5 %*			*79-122*						

Semi-Volatiles, NJDEP/TCL/Part 375 List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,PADEP	03/27/2017 08:58	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,PADEP	03/27/2017 08:58	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,PADEP	03/27/2017 08:58	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH

Sample Information

Client Sample ID: MW06_031917 **York Sample ID:** 17C0708-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:35 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
1912-24-9	Atrazine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
92-87-5	Benzidine	ND		ug/L	11.1	22.2	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR

Sample Information

Client Sample ID: MW06_031917 **York Sample ID:** 17C0708-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:35 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH

Sample Information

Client Sample ID: MW06_031917 **York Sample ID:** 17C0708-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:35 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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	0.556	0.556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
85-01-8	**Phenanthrene**	**0.0556**		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 08:58	KH
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:30	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*29.2 %*		*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*17.4 %*		*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.1 %*		*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.7 %*		*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*111 %*	S-08	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*61.5 %*		*15-106*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
309-00-2	Aldrin	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA

Sample Information

Client Sample ID: MW06_031917 **York Sample ID:** 17C0708-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:35 pm	03/20/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
319-85-7	beta-BHC	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
57-74-9	Chlordane, total	ND		ug/L	0.0250	0.0250	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
319-86-8	delta-BHC	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
60-57-1	Dieldrin	ND		ug/L	0.00250	0.00250	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
959-98-8	Endosulfan I	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
72-20-8	Endrin	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0125	0.0125	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0125	0.0125	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0125	0.0125	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
76-44-8	Heptachlor	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
72-43-5	Methoxychlor	ND		ug/L	0.00500	0.00500	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
8001-35-2	Toxaphene	ND		ug/L	0.125	0.125	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:04	SA
	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0125	0.0125	1	EPA 8081B Certifications:	03/24/2017 07:47	03/27/2017 12:04	SA

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.1 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*15.6 %*	GC-SC u	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW06_031917 **York Sample ID:** 17C0708-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:35 pm	03/20/2017

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 13:28	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 13:28	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 13:28	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 13:28	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 13:28	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 13:28	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 13:28	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0625	0.0625	1	EPA 8082A Certifications:	03/24/2017 07:47	03/27/2017 13:28	SA

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*14.5 %*	GC-Surr	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*		*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10100**		ug/L	55.6	55.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 16:54	KV
7440-39-3	**Barium**	**495**		ug/L	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 16:54	KV
7440-70-2	**Calcium**	**160000**		ug/L	55.6	55.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 16:54	KV
7440-47-3	**Chromium**	**15.2**		ug/L	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 16:54	KV
7440-50-8	**Copper**	**116**		ug/L	3.33	3.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 16:54	KV
7439-89-6	**Iron**	**39700**		ug/L	22.2	22.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 16:54	KV
7439-92-1	**Lead**	**36.4**		ug/L	3.33	3.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 16:54	KV
7439-95-4	**Magnesium**	**72500**		ug/L	55.6	55.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 16:54	KV
7439-96-5	**Manganese**	**1700**		ug/L	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 16:54	KV
7440-02-0	**Nickel**	**125**		ug/L	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 16:54	KV

Sample Information

Client Sample ID: MW06_031917 **York Sample ID:** 17C0708-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:35 pm	03/20/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**27800**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:18	03/21/2017 16:54	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:18	03/21/2017 16:54	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**256000**		ug/L	111	111	1	EPA 6010C	03/21/2017 09:18	03/21/2017 16:54	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**18.3**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:18	03/21/2017 16:54	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**61.3**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:18	03/21/2017 16:54	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**351**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**139000**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**11.9**		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**24200**		ug/L	22.2	22.2	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**66100**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1520**		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.1**		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**23800**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**223000**		ug/L	111	111	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**25.3**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 14:47	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW06_031917 **York Sample ID:** 17C0708-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:35 pm	03/20/2017

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 19:19	ALD
7440-38-2	**Arsenic**	**7.58**		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 19:19	ALD
7440-41-7	**Beryllium**	**0.867**		ug/L	0.667	0.667	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 19:19	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 19:19	ALD
7439-98-7	**Molybdenum**	**2.78**		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 19:19	ALD
7782-49-2	*** Selenium**	**6.78**		ug/L	2.22	2.22	2	EPA 6020A Certifications:	03/22/2017 07:59	03/22/2017 19:19	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 19:19	ALD

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 12:31	ALD
7440-38-2	**Arsenic**	**5.13**		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 12:31	ALD
7440-41-7	Beryllium	ND		ug/L	0.222	0.222	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 12:31	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 12:31	ALD
7439-98-7	**Molybdenum**	**2.31**		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 12:31	ALD
7782-49-2	*** Selenium**	**9.33**		ug/L	2.22	2.22	2	EPA 6020A Certifications:	03/22/2017 08:01	03/22/2017 12:31	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 12:31	ALD

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 06:16	03/22/2017 07:44	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW06_031917 **York Sample ID:** 17C0708-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:35 pm	03/20/2017

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	03/21/2017 06:16	03/22/2017 07:44	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**54.0**	HT-01	ug/L	10.0	10.0	1	EPA 7196A	03/21/2017 10:16	03/21/2017 11:45	TAJ
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		ug/L	8.00	10.0	1	Calculation	03/27/2017 13:45	03/27/2017 15:23	PAM
								Certifications:			

Cyanide, Total **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	10.0	1	SM 4500 CN C/E	03/27/2017 09:10	03/27/2017 15:45	DM1
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List **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	03/24/2017 07:45	03/24/2017 15:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 15:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 15:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 15:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 15:36	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 NELAC-NY10854,NJDEP	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 NELAC-NY10854,NJDEP	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 NELAC-NY10854,NJDEP	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 NELAC-NY10854,NJDEP	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 CTDOH,NELAC-NY10854,NJDEP	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45	03/24/2017 15:36 NELAC-NY10854,NJDEP	BK

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
156-59-2	**cis-1,2-Dichloroethylene**	**0.53**	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
110-82-7	**Cyclohexane**	**3.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
98-82-8	**Isopropylbenzene**	**1.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
79-20-9	Methyl acetate	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.71**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
108-87-2	**Methylcyclohexane**	**2.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854	03/24/2017 15:36	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854	03/24/2017 15:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
75-65-0	**tert-Butyl alcohol (TBA)**	**2.4**		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
98-06-6	**tert-Butylbenzene**	**0.48**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
127-18-4	**Tetrachloroethylene**	**0.32**	SCAL-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
75-01-4	**Vinyl Chloride**	**1.4**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 15:36	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NJDEP	03/24/2017 15:36	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.0 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.0 %*	*79-122*

Semi-Volatiles, NJDEP/TCL/Part 375 List

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	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,PADEP	03/27/2017 09:33	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,PADEP	03/27/2017 09:33	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,PADEP	03/27/2017 09:33	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
95-48-7	2-Methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
83-32-9	Acenaphthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
98-86-2	Acetophenone	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
62-53-3	Aniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
120-12-7	Anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
1912-24-9	Atrazine	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
100-52-7	Benzaldehyde	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
92-87-5	Benzidine	ND		ug/L	11.8	23.5	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
56-55-3	**Benzo(a)anthracene**	**0.0824**		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
207-08-9	**Benzo(k)fluoranthene**	**0.0588**		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
65-85-0	Benzoic acid	ND		ug/L	29.4	58.8	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.06**		ug/L	0.588	0.588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
105-60-2	Caprolactam	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
86-74-8	Carbazole	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
218-01-9	**Chrysene**	**0.0588**		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
132-64-9	Dibenzofuran	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
206-44-0	**Fluoranthene**	**0.165**		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
86-73-7	Fluorene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0235	0.0235	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
67-72-1	Hexachloroethane	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
78-59-1	Isophorone	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
91-20-3	**Naphthalene**	**0.0706**		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
98-95-3	Nitrobenzene	ND		ug/L	0.294	0.294	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.294	0.294	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
85-01-8	**Phenanthrene**	**0.118**		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR
108-95-2	Phenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 09:33	KH
129-00-0	**Pyrene**	**0.224**		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 20:55	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*29.0 %*		*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*18.3 %*		*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.0 %*		*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.7 %*		*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*124 %*	S-08	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*61.9 %*		*15-106*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
309-00-2	Aldrin	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
319-84-6	alpha-BHC	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
319-85-7	beta-BHC	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
57-74-9	Chlordane, total	ND		ug/L	0.0242	0.0242	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
319-86-8	delta-BHC	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
60-57-1	Dieldrin	ND		ug/L	0.00242	0.00242	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
72-20-8	Endrin	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0121	0.0121	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0121	0.0121	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0121	0.0121	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
76-44-8	Heptachlor	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
72-43-5	Methoxychlor	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
8001-35-2	Toxaphene	ND		ug/L	0.121	0.121	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:49	SA
	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0121	0.0121	1	EPA 8081B Certifications:	03/24/2017 07:47	03/27/2017 11:49	SA

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.9 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*16.8 %*	GC-SC u	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 13:52	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 13:52	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 13:52	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 13:52	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 13:52	SA

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 13:52	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 13:52	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications:	03/24/2017 07:47	03/27/2017 13:52	SA

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*19.0 %*	GC-Surr	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.0 %*		*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**365**		ug/L	55.6	55.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7440-39-3	**Barium**	**146**		ug/L	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7440-70-2	**Calcium**	**114000**		ug/L	55.6	55.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7440-47-3	Chromium	ND		ug/L	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7440-50-8	**Copper**	**13.6**		ug/L	3.33	3.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7439-89-6	**Iron**	**1640**		ug/L	22.2	22.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7439-92-1	Lead	ND		ug/L	3.33	3.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7439-95-4	**Magnesium**	**13900**		ug/L	55.6	55.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7439-96-5	**Manganese**	**667**		ug/L	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7440-02-0	Nickel	ND		ug/L	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7440-09-7	**Potassium**	**14700**		ug/L	55.6	55.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7440-22-4	Silver	ND		ug/L	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7440-23-5	**Sodium**	**78000**		ug/L	111	111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV
7440-62-2	Vanadium	ND		ug/L	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:25	KV

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**28.6**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:25	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**150**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**117000**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**13.3**		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**1260**		ug/L	22.2	22.2	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**14200**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**702**		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**14700**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**78600**		ug/L	111	111	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**24.7**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:18	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 19:53	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 19:53	ALD
7440-41-7	Beryllium	ND		ug/L	0.667	0.667	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 19:53	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 19:53	ALD
7439-98-7	**Molybdenum**	**2.84**		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 19:53	ALD
7782-49-2	*** Selenium**	**2.40**		ug/L	2.22	2.22	2	EPA 6020A Certifications:	03/22/2017 07:59	03/22/2017 19:53	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 19:53	ALD

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:05	ALD
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:05	ALD
7440-41-7	Beryllium	ND		ug/L	0.222	0.222	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:05	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:05	ALD
7439-98-7	**Molybdenum**	**2.69**		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:05	ALD
7782-49-2	* Selenium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications:	03/22/2017 08:01	03/22/2017 13:05	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:05	ALD

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 06:16	03/22/2017 07:44	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 06:16	03/22/2017 07:44	ALD

Sample Information

Client Sample ID: MW09_031917 **York Sample ID:** 17C0708-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 2:45 pm	03/20/2017

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**19.0**	HT-01	ug/L	10.0	10.0	1	EPA 7196A	03/21/2017 10:16	03/21/2017 11:45	TAJ
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		ug/L	8.00	10.0	1	Calculation	03/27/2017 13:45	03/27/2017 15:23	PAM
								Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	10.0	1	SM 4500 CN C/E	03/27/2017 09:10	03/27/2017 15:45	DM1
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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	03/24/2017 07:45	03/24/2017 16:40	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 16:40	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 16:40	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 16:40	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 16:40	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 16:40	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 16:40	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
108-67-8	**1,3,5-Trimethylbenzene**	**0.32**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
67-64-1	**Acetone**	**1.6**	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
110-82-7	**Cyclohexane**	**26**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
98-82-8	**Isopropylbenzene**	**1.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
79-20-9	Methyl acetate	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
108-87-2	**Methylcyclohexane**	**15**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 16:40	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854	03/24/2017 16:40	BK

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	03/24/2017 07:45	03/24/2017 16:40	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK
98-06-6	**tert-Butylbenzene**	**0.99**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK
75-01-4	**Vinyl Chloride**	**0.26**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/24/2017 07:45	03/24/2017 16:40	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.1 %*	*79-122*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 10:06	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 10:06	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 10:06	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/24/2017 07:40	03/27/2017 10:06	KH

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,PADEP	03/27/2017 10:06	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,PADEP	03/27/2017 10:06	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
83-32-9	**Acenaphthene**	**0.0571**		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 21:27	SR
208-96-8	**Acenaphthylene**	**0.0800**		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 21:27	SR
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
120-12-7	**Anthracene**	**0.126**		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 21:27	SR
1912-24-9	Atrazine	ND		ug/L	0.571	0.571	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/26/2017 21:27	SR
100-52-7	Benzaldehyde	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
92-87-5	Benzidine	ND		ug/L	11.4	22.9	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
56-55-3	**Benzo(a)anthracene**	**0.514**		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 21:27	SR
50-32-8	**Benzo(a)pyrene**	**0.434**		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 21:27	SR
205-99-2	**Benzo(b)fluoranthene**	**0.423**		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 21:27	SR
191-24-2	**Benzo(g,h,i)perylene**	**0.183**		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 21:27	SR
207-08-9	**Benzo(k)fluoranthene**	**0.389**		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 21:27	SR
65-85-0	Benzoic acid	ND		ug/L	28.6	57.1	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.82**		ug/L	0.571	0.571	1	EPA 8270D	03/24/2017 07:40	03/26/2017 21:27	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.640**		ug/L	0.0571	0.0571	1	EPA 8270D	03/24/2017 07:40	03/26/2017 21:27	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0800**		ug/L	0.0571	0.0571	1	EPA 8270D	03/24/2017 07:40	03/26/2017 21:27	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1.11**		ug/L	0.0571	0.0571	1	EPA 8270D	03/24/2017 07:40	03/26/2017 21:27	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	0.0571	0.0571	1	EPA 8270D	03/24/2017 07:40	03/26/2017 21:27	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	0.0229	1	EPA 8270D	03/24/2017 07:40	03/26/2017 21:27	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	0.571	1	EPA 8270D	03/24/2017 07:40	03/26/2017 21:27	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.86	5.71	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/L	0.571	0.571	1	EPA 8270D	03/24/2017 07:40	03/26/2017 21:27	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.171**		ug/L	0.0571	0.0571	1	EPA 8270D	03/24/2017 07:40	03/26/2017 21:27	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.0800**		ug/L	0.0571	0.0571	1	EPA 8270D	03/24/2017 07:40	03/26/2017 21:27	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/L	0.286	0.286	1	EPA 8270D	03/24/2017 07:40	03/26/2017 21:27	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	0.571	1	EPA 8270D	03/24/2017 07:40	03/26/2017 21:27	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
87-86-5	Pentachlorophenol	ND		ug/L	0.286	0.286	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 21:27	SR
85-01-8	**Phenanthrene**	**0.411**		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 21:27	SR
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:06	KH
129-00-0	**Pyrene**	**1.41**		ug/L	0.0571	0.0571	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2017 21:27	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*22.6 %*		*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*16.2 %*		*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*36.1 %*		*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.3 %*		*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*108 %*	S-08	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*56.0 %*		*15-106*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
309-00-2	Aldrin	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
319-84-6	alpha-BHC	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
319-85-7	beta-BHC	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
57-74-9	Chlordane, total	ND		ug/L	0.0235	0.0235	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
319-86-8	delta-BHC	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
60-57-1	Dieldrin	ND		ug/L	0.00235	0.00235	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
959-98-8	Endosulfan I	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
72-20-8	Endrin	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
76-44-8	Heptachlor	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
72-43-5	Methoxychlor	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
8001-35-2	Toxaphene	ND		ug/L	0.118	0.118	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 13:22	SA
	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications:	03/24/2017 07:47	03/27/2017 13:22	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*32.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 14:16	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 14:16	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 14:16	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 14:16	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 14:16	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 14:16	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 14:16	SA

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications:	03/24/2017 07:47	03/27/2017 14:16	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-120*

Metals, Target Analyte, ICP

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**21500**		ug/L	55.6	55.6	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7440-39-3	**Barium**	**499**		ug/L	11.1	11.1	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7440-70-2	**Calcium**	**188000**		ug/L	55.6	55.6	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7440-47-3	**Chromium**	**55.2**		ug/L	5.56	5.56	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7440-50-8	**Copper**	**88.9**		ug/L	3.33	3.33	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7439-89-6	**Iron**	**29300**		ug/L	22.2	22.2	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7439-92-1	**Lead**	**893**		ug/L	3.33	3.33	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7439-95-4	**Magnesium**	**24500**		ug/L	55.6	55.6	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7439-96-5	**Manganese**	**1800**		ug/L	5.56	5.56	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7440-02-0	**Nickel**	**57.2**		ug/L	5.56	5.56	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7440-09-7	**Potassium**	**22100**		ug/L	55.6	55.6	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7440-22-4	Silver	ND		ug/L	5.56	5.56	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7440-23-5	**Sodium**	**112000**		ug/L	111	111	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7440-62-2	**Vanadium**	**55.3**		ug/L	11.1	11.1	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV
7440-66-6	**Zinc**	**240**		ug/L	11.1	11.1	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:30	KV

Metals, Target Analyte, ICP Dissolved

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

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**228**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**140000**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**12.7**		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**3350**		ug/L	22.2	22.2	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**18700**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1360**		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**19500**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**122000**		ug/L	111	111	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**19.7**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:23	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:00	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**14.6**		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:00	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**1.44**		ug/L	0.667	0.667	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:00	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:00	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-98-7	**Molybdenum**	**4.98**		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:00	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	*** Selenium**	**4.04**		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:00	ALD
								Certifications:			
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:00	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:12	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:12	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.222	0.222	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:12	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:12	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-98-7	**Molybdenum**	**2.51**		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:12	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	*** Selenium**	**2.24**		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:12	ALD
								Certifications:			
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:12	ALD
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	03/21/2017 06:16	03/22/2017 07:44	ALD
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	03/21/2017 06:16	03/22/2017 07:44	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**41.0**	HT-01	ug/L	10.0	10.0	1	EPA 7196A	03/21/2017 10:16	03/21/2017 11:45	TAJ
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW10_031917 **York Sample ID:** 17C0708-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:35 pm	03/20/2017

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.2**		ug/L	8.00	10.0	1	Calculation	03/27/2017 13:45	03/27/2017 15:23	PAM
								Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	10.0	1	SM 4500 CN C/E	03/27/2017 09:10	03/27/2017 15:45	DM1
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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	03/24/2017 07:45	03/24/2017 17:12	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:12	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:12	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:12	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:12	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:12	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:12	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:12	BK
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:12	BK
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:12	BK
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:12	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
71-43-2	**Benzene**	**1.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:12	BK

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
110-82-7	**Cyclohexane**	**0.38**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
79-20-9	Methyl acetate	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854	03/24/2017 17:12	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854	03/24/2017 17:12	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
75-01-4	**Vinyl Chloride**	**0.78**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 17:12	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NJDEP	03/24/2017 17:12	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.6 %*	*79-122*

Semi-Volatiles, NJDEP/TCL/Part 375 List

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	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,PADEP	03/27/2017 10:40	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,PADEP	03/27/2017 10:40	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,PADEP	03/27/2017 10:40	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
95-48-7	2-Methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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**	**0.0824**		ug/L	0.0588	0.0588	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.94	5.88	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.94	5.88	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.588	0.588	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:02	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.94	5.88	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	11.8	23.5	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	29.4	58.8	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.94	5.88	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.94	5.88	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.94	5.88	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.94	5.88	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.588	0.588	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.94	5.88	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.94	5.88	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:40	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.0588	0.0588	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR
132-64-9	Dibenzofuran	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
206-44-0	Fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR
86-73-7	Fluorene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0235	0.0235	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
67-72-1	Hexachloroethane	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR
78-59-1	Isophorone	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
91-20-3	Naphthalene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR
98-95-3	Nitrobenzene	ND		ug/L	0.294	0.294	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.294	0.294	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR
85-01-8	Phenanthrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR
108-95-2	Phenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:40	KH
129-00-0	Pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:02	SR

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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*	*43.0 %*			*12-64*						
4165-62-2	*Surrogate: Phenol-d5*	*27.6 %*			*10-82*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.2 %*			*12-96*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*73.1 %*			*16-84*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*123 %*	S-08		*15-104*						
1718-51-0	*Surrogate: Terphenyl-d14*	*63.7 %*			*15-106*						

Pesticides, NJDEP/TCL/Part 375 List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
309-00-2	Aldrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
319-84-6	alpha-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
319-85-7	beta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
57-74-9	Chlordane, total	ND		ug/L	0.0229	0.0229	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
319-86-8	delta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
60-57-1	Dieldrin	ND		ug/L	0.00229	0.00229	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
959-98-8	Endosulfan I	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
72-20-8	Endrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
76-44-8	Heptachlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
72-43-5	Methoxychlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
8001-35-2	Toxaphene	ND		ug/L	0.114	0.114	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:13	SA
	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications:	03/24/2017 07:47	03/27/2017 10:13	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*35.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.9 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 11:52	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 11:52	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 11:52	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 11:52	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 11:52	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 11:52	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 11:52	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47	03/27/2017 11:52	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

7429-90-5	**Aluminum**	**805**	ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**848**	ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**157000**	ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND	ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**10.9**	ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17500**	ug/L	22.2	22.2	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**4.98**	ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**50800**	ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**2350**	ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**6.21**	ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**34500**	ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND	ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**201000**	ug/L	111	111	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND	ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**28.2**	ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:35	KV
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**958**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**180000**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**13.2**		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**19200**		ug/L	22.2	22.2	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**58400**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**2730**		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**39100**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**229000**		ug/L	111	111	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**23.4**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:28	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.667	0.667	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	*** Selenium**	**6.27**		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:07	ALD
								Certifications:			
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:18	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:18	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		ug/L	0.222	0.222	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:18	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:18	ALD
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:18	ALD
7782-49-2	*** Selenium**	**8.69**		ug/L	2.22	2.22	2	EPA 6020A Certifications:	03/22/2017 08:01	03/22/2017 13:18	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:18	ALD

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 06:16	03/22/2017 07:44	ALD

Mercury by 7473, Dissolved

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 06:16	03/22/2017 07:44	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**99.0**	HT-01	ug/L	10.0	10.0	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 10:16	03/21/2017 11:45	TAJ

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		ug/L	8.00	10.0	1	Calculation Certifications:	03/27/2017 13:45	03/27/2017 15:23	PAM

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	10.0	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 09:10	03/27/2017 15:45	DM1

Sample Information

Client Sample ID: MW11_031917 **York Sample ID:** 17C0708-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 4:35 pm	03/20/2017

Sample Information

Client Sample ID: MW14_031917 **York Sample ID:** 17C0708-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 11:05 am	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK

Sample Information

Client Sample ID: MW14_031917 **York Sample ID:** 17C0708-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 11:05 am	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	**1,4-Dichlorobenzene**	**0.56**		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	NELAC-NY10854,NJDEP		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-64-1	Acetone	ND	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	**Benzene**	**56**		ug/L	2.0	5.0	10	EPA 8260C	03/24/2017 07:45	03/27/2017 11:54	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-90-7	**Chlorobenzene**	**15**		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 17:44	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW14_031917 **York Sample ID:** 17C0708-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 11:05 am	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
98-82-8	**Isopropylbenzene**	**0.24**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
79-20-9	Methyl acetate	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
95-47-6	**o-Xylene**	**0.22**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	03/24/2017 07:45	03/24/2017 17:44	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	03/24/2017 07:45	03/24/2017 17:44	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
98-06-6	**tert-Butylbenzene**	**0.39**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK

Sample Information

Client Sample ID: MW14_031917 **York Sample ID:** 17C0708-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 11:05 am	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/24/2017 07:45	03/24/2017 17:44	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.3 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.2 %*	*79-122*

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:40	03/27/2017 11:14	KH

Sample Information

Client Sample ID: MW14_031917 **York Sample ID:** 17C0708-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 11:05 am	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
83-32-9	**Acenaphthene**	**0.410**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH

Sample Information

Client Sample ID: MW14_031917 **York Sample ID:** 17C0708-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 11:05 am	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.560**		ug/L	0.500	0.500	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:14	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 07:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:33	SR

Sample Information

Client Sample ID: MW14_031917 **York Sample ID:** 17C0708-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 11:05 am	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**0.0500**		ug/L	0.0500	0.0500	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:33	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:33	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:33	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D	03/24/2017 07:40	03/27/2017 11:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:33	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:33	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	03/24/2017 07:40	03/27/2017 11:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.100**		ug/L	0.0500	0.0500	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:33	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:33	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:33	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	03/24/2017 07:40	03/27/2017 11:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	03/24/2017 07:40	03/27/2017 11:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:33	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:33	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	03/24/2017 07:40	03/27/2017 11:14	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	03/24/2017 07:40	03/27/2017 10:33	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*33.0 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*20.8 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*47.3 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.7 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*101 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*53.3 %*	*15-106*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

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: MW14_031917 **York Sample ID:** 17C0708-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 11:05 am	03/20/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
309-00-2	Aldrin	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
319-84-6	alpha-BHC	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
319-85-7	beta-BHC	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
57-74-9	Chlordane, total	ND		ug/L	0.0235	0.0235	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
319-86-8	delta-BHC	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
60-57-1	Dieldrin	ND		ug/L	0.00235	0.00235	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
959-98-8	Endosulfan I	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
72-20-8	Endrin	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
76-44-8	Heptachlor	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
72-43-5	Methoxychlor	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
8001-35-2	Toxaphene	ND		ug/L	0.118	0.118	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:43	SA
	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications:	03/24/2017 07:47	03/27/2017 10:43	SA

Sample Information

Client Sample ID: MW14_031917 **York Sample ID:** 17C0708-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 11:05 am	03/20/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.7 %*		*30-150*							
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.8 %*		*30-150*							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 12:16	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 12:16	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 12:16	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 12:16	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 12:16	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 12:16	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 12:16	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications:	03/24/2017 07:47	03/27/2017 12:16	SA
	Surrogate Recoveries	**Result**		**Acceptance Range**							
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.5 %*		*30-120*							
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*		*30-120*							

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1360**		ug/L	55.6	55.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:40	KV
7440-39-3	**Barium**	**636**		ug/L	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:40	KV
7440-70-2	**Calcium**	**120000**		ug/L	55.6	55.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:40	KV
7440-47-3	Chromium	ND		ug/L	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:40	KV
7440-50-8	**Copper**	**12.7**		ug/L	3.33	3.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 09:18	03/21/2017 17:40	KV

Sample Information

Client Sample ID: MW14_031917 **York Sample ID:** 17C0708-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 11:05 am	03/20/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**20600**		ug/L	22.2	22.2	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:40	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:40	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**48000**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:40	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1050**		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:40	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**7.00**		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:40	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**32800**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:40	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:40	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**447000**		ug/L	11100	11100	100	EPA 6010C	03/21/2017 09:18	03/22/2017 14:13	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:40	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**26.0**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:40	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**60.9**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**658**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**124000**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**14.5**		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**19300**		ug/L	22.2	22.2	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**48800**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1060**		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW14_031917 **York Sample ID:** 17C0708-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 11:05 am	03/20/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**32000**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**434000**		ug/L	111	111	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**36.9**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:14	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.93**		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:14	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.667	0.667	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:14	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:14	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:14	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	*** Selenium**	**10.7**		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:14	ALD
								Certifications:			
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 07:59	03/22/2017 20:14	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:25	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.36**		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:25	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.222	0.222	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:25	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:25	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:25	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW14_031917 **York Sample ID:** 17C0708-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 11:05 am	03/20/2017

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	*** Selenium**	**16.8**		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:25	ALD
								Certifications:			
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A	03/22/2017 08:01	03/22/2017 13:25	ALD
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	03/21/2017 06:16	03/22/2017 07:44	ALD
								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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	03/21/2017 06:16	03/22/2017 07:44	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**85.0**	HT-01	ug/L	10.0	10.0	1	EPA 7196A	03/21/2017 10:16	03/21/2017 11:45	TAJ
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		ug/L	8.00	10.0	1	Calculation	03/27/2017 13:45	03/27/2017 15:23	PAM
								Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	10.0	1	SM 4500 CN C/E	03/27/2017 09:10	03/27/2017 15:45	DM1
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: **GWDUP01_031917** **York Sample ID:** **17C0708-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:45 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
71-55-6	**1,1,1-Trichloroethane**	**0.29**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
75-34-3	**1,1-Dichloroethane**	**1.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
75-35-4	**1,1-Dichloroethylene**	**0.21**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:16	BK

Sample Information

Client Sample ID: GWDUP01_031917 **York Sample ID:** 17C0708-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:45 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
71-43-2	**Benzene**	**0.32**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
156-59-2	**cis-1,2-Dichloroethylene**	**23**	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK

Sample Information

Client Sample ID: GWDUP01_031917 **York Sample ID:** 17C0708-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:45 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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	0.80	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.32**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854	03/24/2017 18:16	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854	03/24/2017 18:16	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
127-18-4	**Tetrachloroethylene**	**18**	SCAL-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
156-60-5	**trans-1,2-Dichloroethylene**	**0.25**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
79-01-6	**Trichloroethylene**	**4.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:16	BK
75-01-4	**Vinyl Chloride**	**190**		ug/L	5.0	12	25	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/27/2017 12:27	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NJDEP	03/24/2017 18:16	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*79-122*

Sample Information

Client Sample ID: GWDUP01_031917 **York Sample ID:** 17C0708-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:45 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,PADEP	03/27/2017 11:48	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,PADEP	03/27/2017 11:48	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,PADEP	03/27/2017 11:48	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH

Sample Information

Client Sample ID: GWDUP01_031917 **York Sample ID:** 17C0708-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:45 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
120-12-7	**Anthracene**	**0.0500**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
56-55-3	**Benzo(a)anthracene**	**0.130**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
50-32-8	**Benzo(a)pyrene**	**0.120**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
205-99-2	**Benzo(b)fluoranthene**	**0.230**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
191-24-2	**Benzo(g,h,i)perylene**	**0.0800**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
207-08-9	**Benzo(k)fluoranthene**	**0.100**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH

Sample Information

Client Sample ID: GWDUP01_031917 **York Sample ID:** 17C0708-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:45 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
218-01-9	**Chrysene**	**0.130**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
206-44-0	**Fluoranthene**	**0.280**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0700**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR

Sample Information

Client Sample ID: GWDUP01_031917 **York Sample ID:** 17C0708-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:45 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
85-01-8	**Phenanthrene**	**0.190**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:48	KH
129-00-0	**Pyrene**	**0.220**		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:04	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*39.8 %*		*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*26.1 %*		*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*54.1 %*		*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.5 %*		*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*116 %*	S-08	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*61.6 %*		*15-106*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:56	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:56	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:56	SA
309-00-2	Aldrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:56	SA
319-84-6	alpha-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:56	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:56	SA
319-85-7	beta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:56	SA
57-74-9	Chlordane, total	ND		ug/L	0.0229	0.0229	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 10:56	SA

Sample Information

Client Sample ID: GWDUP01_031917 **York Sample ID:** 17C0708-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:45 pm	03/20/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
60-57-1	Dieldrin	ND		ug/L	0.00229	0.00229	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
959-98-8	Endosulfan I	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
72-20-8	Endrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
76-44-8	Heptachlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
72-43-5	Methoxychlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
8001-35-2	Toxaphene	ND		ug/L	0.114	0.114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 10:56	SA
	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications:	03/24/2017 07:47	03/27/2017 10:56	SA

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.8 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*29.1 %*	GC-Surr	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 12:40	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 12:40	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/24/2017 07:47	03/27/2017 12:40	SA

Sample Information

Client Sample ID: GWDUP01_031917 **York Sample ID:** 17C0708-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:45 pm	03/20/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 12:40	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 12:40	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 12:40	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 12:40	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	03/24/2017 07:47	03/27/2017 12:40	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*33.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14600**		ug/L	55.6	55.6	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:44	KV
7440-39-3	**Barium**	**516**		ug/L	11.1	11.1	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:44	KV
7440-70-2	**Calcium**	**155000**		ug/L	55.6	55.6	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:44	KV
7440-47-3	**Chromium**	**24.2**		ug/L	5.56	5.56	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:44	KV
7440-50-8	**Copper**	**98.6**		ug/L	3.33	3.33	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:44	KV
7439-89-6	**Iron**	**46600**		ug/L	22.2	22.2	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:44	KV
7439-92-1	**Lead**	**67.7**		ug/L	3.33	3.33	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:44	KV
7439-95-4	**Magnesium**	**73200**		ug/L	55.6	55.6	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:44	KV
7439-96-5	**Manganese**	**1590**		ug/L	5.56	5.56	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:44	KV
7440-02-0	**Nickel**	**90.8**		ug/L	5.56	5.56	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:44	KV
7440-09-7	**Potassium**	**28000**		ug/L	55.6	55.6	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:44	KV
7440-22-4	Silver	ND		ug/L	5.56	5.56	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:44	KV

Sample Information

Client Sample ID: GWDUP01_031917 **York Sample ID:** 17C0708-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:45 pm	03/20/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**262000**		ug/L	111	111	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:44	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.8**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:44	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**98.2**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:18	03/21/2017 17:44	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**379**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**149000**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**11.3**		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**30200**		ug/L	22.2	22.2	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		ug/L	3.33	3.33	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**74000**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1510**		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**14.8**		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**25500**		ug/L	55.6	55.6	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		ug/L	5.56	5.56	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**260000**		ug/L	111	111	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**28.8**		ug/L	11.1	11.1	1	EPA 6010C	03/21/2017 09:12	03/21/2017 15:38	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GWDUP01_031917 **York Sample ID:** 17C0708-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:45 pm	03/20/2017

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 20:21	ALD
7440-38-2	**Arsenic**	**9.73**		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 20:21	ALD
7440-41-7	**Beryllium**	**1.02**		ug/L	0.667	0.667	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 20:21	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 20:21	ALD
7439-98-7	**Molybdenum**	**2.89**		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 20:21	ALD
7782-49-2	*** Selenium**	**7.82**		ug/L	2.22	2.22	2	EPA 6020A Certifications:	03/22/2017 07:59	03/22/2017 20:21	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:59	03/22/2017 20:21	ALD

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:32	ALD
7440-38-2	**Arsenic**	**5.04**		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:32	ALD
7440-41-7	Beryllium	ND		ug/L	0.222	0.222	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:32	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:32	ALD
7439-98-7	**Molybdenum**	**2.36**		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:32	ALD
7782-49-2	*** Selenium**	**7.27**		ug/L	2.22	2.22	2	EPA 6020A Certifications:	03/22/2017 08:01	03/22/2017 13:32	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 08:01	03/22/2017 13:32	ALD

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 06:16	03/22/2017 07:44	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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

Sample Information

Client Sample ID: GWDUP01_031917 **York Sample ID:** 17C0708-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 12:45 pm	03/20/2017

Mercury by 7473, Dissolved

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473	03/21/2017 06:16	03/22/2017 07:44	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**143**	HT-01	ug/L	10.0	10.0	1	EPA 7196A	03/21/2017 10:16	03/21/2017 11:45	TAJ
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		ug/L	8.00	10.0	1	Calculation	03/27/2017 13:45	03/27/2017 15:23	PAM
								Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	10.0	1	SM 4500 CN C/E	03/27/2017 09:10	03/27/2017 15:45	DM1
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: GWTB01_031917 **York Sample ID:** 17C0708-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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	03/24/2017 07:45	03/24/2017 12:54	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 12:54	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 12:54	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/24/2017 07:45	03/24/2017 12:54	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: GWTB01_031917 **York Sample ID:** 17C0708-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK

Sample Information

Client Sample ID: GWTB01_031917 **York Sample ID:** 17C0708-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
79-20-9	Methyl acetate	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK

Sample Information

Client Sample ID: GWTB01_031917 **York Sample ID:** 17C0708-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854	03/24/2017 12:54	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854	03/24/2017 12:54	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 12:54	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NJDEP	03/24/2017 12:54	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.2 %*	*79-122*

Sample Information

Client Sample ID: FB01_031917 **York Sample ID:** 17C0708-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	03/24/2017 07:45 NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
78-93-3	**2-Butanone**	**2.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/24/2017 07:45 CTDOH,NELAC-NY10854,NJDEP	03/24/2017 18:49	BK

Sample Information

Client Sample ID: FB01_031917 **York Sample ID:** 17C0708-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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**	**2.7**	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK

Sample Information

Client Sample ID: FB01_031917 **York Sample ID:** 17C0708-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Volatile Organics, NJDEP/TCL/Part 375 List

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	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	03/24/2017 07:45	03/24/2017 18:49	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	03/24/2017 07:45	03/24/2017 18:49	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/24/2017 07:45	03/24/2017 18:49	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*79-122*

Sample Information

Client Sample ID: FB01_031917 **York Sample ID:** 17C0708-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,PADEP	03/27/2017 12:22	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,PADEP	03/27/2017 12:22	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,PADEP	03/27/2017 12:22	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH

Sample Information

Client Sample ID: FB01_031917 **York Sample ID:** 17C0708-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH

Sample Information

Client Sample ID: FB01_031917 **York Sample ID:** 17C0708-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 11:35 NELAC-NY10854,NJDEP,PADEP	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 11:35 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:	03/24/2017 14:32	03/27/2017 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 12:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32	03/27/2017 11:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: FB01_031917 **York Sample ID:** 17C0708-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Semi-Volatiles, NJDEP/TCL/Part 375 List

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
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 12:22	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	03/24/2017 14:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:35	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*31.9 %*	*12-64*
4165-62-2	*Surrogate: Phenol-d5*	*20.1 %*	*10-82*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.4 %*	*12-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.0 %*	*16-84*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*103 %*	*15-104*
1718-51-0	*Surrogate: Terphenyl-d14*	*57.6 %*	*15-106*

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	0.0205	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA

Sample Information

Client Sample ID: FB01_031917 **York Sample ID:** 17C0708-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications:	03/24/2017 07:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2017 11:09	SA
	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications:	03/24/2017 07:47	03/27/2017 11:09	SA

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 13:04	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 13:04	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 13:04	SA

Sample Information

Client Sample ID: FB01_031917 **York Sample ID:** 17C0708-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 13:04	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 13:04	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 13:04	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	03/24/2017 07:47 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/27/2017 13:04	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	03/24/2017 07:47	03/27/2017 13:04	SA

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-120*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	55.6	55.6	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7440-39-3	Barium	ND		ug/L	11.1	11.1	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7440-70-2	Calcium	ND		ug/L	55.6	55.6	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7440-47-3	Chromium	ND		ug/L	5.56	5.56	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7440-50-8	Copper	ND		ug/L	3.33	3.33	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7439-89-6	**Iron**	**56.1**		ug/L	22.2	22.2	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7439-92-1	Lead	ND		ug/L	3.33	3.33	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7439-95-4	Magnesium	ND		ug/L	55.6	55.6	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7439-96-5	Manganese	ND		ug/L	5.56	5.56	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7440-02-0	Nickel	ND		ug/L	5.56	5.56	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7440-09-7	Potassium	ND		ug/L	55.6	55.6	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7440-22-4	Silver	ND		ug/L	5.56	5.56	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7440-23-5	**Sodium**	**256**		ug/L	111	111	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV

Sample Information

Client Sample ID: FB01_031917 **York Sample ID:** 17C0708-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Metals, Target Analyte, ICP

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	11.1	11.1	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV
7440-66-6	**Zinc**	**12.0**		ug/L	11.1	11.1	1	EPA 6010C Certifications:	03/21/2017 09:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/21/2017 17:49	KV

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications:	03/22/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 20:27	ALD
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications:	03/22/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 20:27	ALD
7440-41-7	Beryllium	ND		ug/L	0.667	0.667	2	EPA 6020A Certifications:	03/22/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 20:27	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications:	03/22/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 20:27	ALD
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications:	03/22/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 20:27	ALD
7782-49-2	* Selenium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications:	03/22/2017 07:59	03/22/2017 20:27	ALD
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications:	03/22/2017 07:59 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 20:27	ALD

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	0.20	1	EPA 7473 Certifications:	03/21/2017 06:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2017 07:44	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-01	ug/L	10.0	10.0	1	EPA 7196A Certifications:	03/21/2017 10:16 NELAC-NY10854,CTDOH,NJDEP,PADEP	03/21/2017 11:45	TAJ

Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		ug/L	8.00	10.0	1	Calculation Certifications:	03/27/2017 13:45	03/27/2017 15:23	PAM

Sample Information

Client Sample ID: FB01_031917 **York Sample ID:** 17C0708-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17C0708	170362501 335 Bond St BRK	Water	March 19, 2017 3:00 pm	03/20/2017

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**31.0**		ug/L	10.0	10.0	1	SM 4500 CN C/E	03/27/2017 09:10	03/27/2017 15:45	DM1
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BC70863 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17C0708-01	MW06_031917	03/21/17
17C0708-02	MW09_031917	03/21/17
17C0708-03	MW10_031917	03/21/17
17C0708-04	MW11_031917	03/21/17
17C0708-05	MW14_031917	03/21/17
17C0708-06	GWDUP01_031917	03/21/17
17C0708-08	FB01_031917	03/21/17
BC70863-BLK1	Blank	03/21/17
BC70863-DUP1	Duplicate	03/21/17
BC70863-MS1	Matrix Spike	03/21/17
BC70863-SRM1	Reference	03/21/17

Batch ID: BC70887 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17C0708-01	MW06_031917	03/21/17
17C0708-02	MW09_031917	03/21/17
17C0708-03	MW10_031917	03/21/17
17C0708-04	MW11_031917	03/21/17
17C0708-05	MW14_031917	03/21/17
17C0708-06	GWDUP01_031917	03/21/17
BC70887-BLK1	Blank	03/21/17
BC70887-DUP2	Duplicate	03/21/17
BC70887-MS2	Matrix Spike	03/21/17
BC70887-SRM1	Reference	03/21/17

Batch ID: BC70888 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17C0708-01	MW06_031917	03/21/17
17C0708-02	MW09_031917	03/21/17
17C0708-03	MW10_031917	03/21/17
17C0708-04	MW11_031917	03/21/17
17C0708-05	MW14_031917	03/21/17
17C0708-06	GWDUP01_031917	03/21/17
17C0708-08	FB01_031917	03/21/17
BC70888-BLK1	Blank	03/21/17
BC70888-DUP1	Duplicate	03/21/17
BC70888-MS1	Matrix Spike	03/21/17
BC70888-SRM1	Reference	03/21/17

Batch ID: BC70893 **Preparation Method:** Analysis Preparation **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date

17C0708-01	MW06_031917	03/21/17
17C0708-02	MW09_031917	03/21/17
17C0708-03	MW10_031917	03/21/17
17C0708-04	MW11_031917	03/21/17
17C0708-05	MW14_031917	03/21/17
17C0708-06	GWDUP01_031917	03/21/17
17C0708-08	FB01_031917	03/21/17
BC70893-BLK1	Blank	03/21/17
BC70893-BS1	LCS	03/21/17
BC70893-DUP1	Duplicate	03/21/17
BC70893-MS1	Matrix Spike	03/21/17

Batch ID: BC70950 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17C0708-01	MW06_031917	03/22/17
17C0708-02	MW09_031917	03/22/17
17C0708-03	MW10_031917	03/22/17
17C0708-04	MW11_031917	03/22/17
17C0708-05	MW14_031917	03/22/17
17C0708-06	GWDUP01_031917	03/22/17
17C0708-08	FB01_031917	03/22/17
BC70950-BLK1	Blank	03/22/17
BC70950-DUP1	Duplicate	03/22/17
BC70950-MS1	Matrix Spike	03/22/17
BC70950-SRM1	Reference	03/22/17

Batch ID: BC70951 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17C0708-01	MW06_031917	03/22/17
17C0708-02	MW09_031917	03/22/17
17C0708-03	MW10_031917	03/22/17
17C0708-04	MW11_031917	03/22/17
17C0708-05	MW14_031917	03/22/17
17C0708-06	GWDUP01_031917	03/22/17
BC70951-BLK1	Blank	03/22/17
BC70951-DUP2	Duplicate	03/22/17
BC70951-MS2	Matrix Spike	03/22/17
BC70951-SRM1	Reference	03/22/17

Batch ID: BC70965 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
17C0708-05RE1	MW14_031917	03/21/17
BC70965-BLK1	Blank	03/22/17
BC70965-SRM1	Reference	03/22/17

Batch ID: BC71082 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17C0708-01	MW06_031917	03/24/17
17C0708-01RE1	MW06_031917	03/24/17
17C0708-02	MW09_031917	03/24/17
17C0708-03	MW10_031917	03/24/17
17C0708-04	MW11_031917	03/24/17
17C0708-05	MW14_031917	03/24/17
17C0708-06	GWDUP01_031917	03/24/17
17C0708-07	GWTB01_031917	03/24/17
17C0708-08	FB01_031917	03/24/17
BC71082-BLK1	Blank	03/24/17
BC71082-BS1	LCS	03/24/17
BC71082-BSD1	LCS Dup	03/24/17
BC71082-MS1	Matrix Spike	03/24/17
BC71082-MSD1	Matrix Spike Dup	03/24/17

Batch ID: BC71084 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KML

YORK Sample ID	Client Sample ID	Preparation Date
17C0708-01	MW06_031917	03/24/17
17C0708-01	MW06_031917	03/24/17
17C0708-02	MW09_031917	03/24/17
17C0708-02	MW09_031917	03/24/17
17C0708-03	MW10_031917	03/24/17
17C0708-03	MW10_031917	03/24/17
17C0708-04	MW11_031917	03/24/17
17C0708-04	MW11_031917	03/24/17
17C0708-05	MW14_031917	03/24/17
17C0708-05	MW14_031917	03/24/17
17C0708-06	GWDUP01_031917	03/24/17
17C0708-06	GWDUP01_031917	03/24/17
17C0708-08	FB01_031917	03/24/17
17C0708-08	FB01_031917	03/24/17
BC71084-BLK1	Blank	03/24/17
BC71084-BLK2	Blank	03/24/17
BC71084-BS1	LCS	03/24/17
BC71084-BS2	LCS	03/24/17

Batch ID: BC71120 **Preparation Method:** EPA 3510C **Prepared By:** KML

YORK Sample ID	Client Sample ID	Preparation Date
17C0708-01	MW06_031917	03/24/17
17C0708-02	MW09_031917	03/24/17
17C0708-03	MW10_031917	03/24/17
17C0708-04	MW11_031917	03/24/17
17C0708-05	MW14_031917	03/24/17
17C0708-06	GWDUP01_031917	03/24/17
17C0708-08	FB01_031917	03/24/17
BC71120-BLK1	Blank	03/24/17
BC71120-BLK2	Blank	03/24/17
BC71120-BS1	LCS	03/24/17

BC71120-BS2	LCS	03/24/17
BC71120-BSD1	LCS Dup	03/24/17

Batch ID: BC71158 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17C0708-05RE1	MW14_031917	03/27/17
17C0708-06RE1	GWDUP01_031917	03/27/17
BC71158-BLK1	Blank	03/27/17
BC71158-BS1	LCS	03/27/17
BC71158-BSD1	LCS Dup	03/27/17

Batch ID: BC71173 **Preparation Method:** Analysis Preparation **Prepared By:** DM1

YORK Sample ID	Client Sample ID	Preparation Date
17C0708-01	MW06_031917	03/27/17
17C0708-02	MW09_031917	03/27/17
17C0708-03	MW10_031917	03/27/17
17C0708-04	MW11_031917	03/27/17
17C0708-05	MW14_031917	03/27/17
17C0708-06	GWDUP01_031917	03/27/17
17C0708-08	FB01_031917	03/27/17
BC71173-BLK1	Blank	03/27/17
BC71173-BS1	LCS	03/27/17
BC71173-DUP1	Duplicate	03/27/17
BC71173-MS1	Matrix Spike	03/27/17

Batch ID: BC71194 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
17C0708-01	MW06_031917	03/27/17
17C0708-02	MW09_031917	03/27/17
17C0708-03	MW10_031917	03/27/17
17C0708-04	MW11_031917	03/27/17
17C0708-05	MW14_031917	03/27/17
17C0708-06	GWDUP01_031917	03/27/17
17C0708-08	FB01_031917	03/27/17

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 BC71082 - EPA 5030B											
Blank (BC71082-BLK1)											Prepared & Analyzed: 03/24/2017
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	2.0	"								
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	ND	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	0.22	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	2.0	"								
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

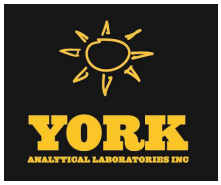
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC71082 - EPA 5030B											
Blank (BC71082-BLK1)								Prepared & Analyzed: 03/24/2017			
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	2.0	"								
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	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*79-122*				
LCS (BC71082-BS1)								Prepared & Analyzed: 03/24/2017			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	11		"	10.0		107	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165				
1,1,2-Trichloroethane	11		"	10.0		105	82-123				
1,1-Dichloroethane	11		"	10.0		106	82-129				
1,1-Dichloroethylene	10		"	10.0		101	68-138				
1,2,3-Trichlorobenzene	11		"	10.0		107	76-136				
1,2,3-Trichloropropane	10		"	10.0		104	77-128				
1,2,4-Trichlorobenzene	10		"	10.0		101	76-137				
1,2,4-Trimethylbenzene	11		"	10.0		105	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		102	45-147				
1,2-Dibromoethane	10		"	10.0		101	83-124				
1,2-Dichlorobenzene	10		"	10.0		104	79-123				
1,2-Dichloroethane	11		"	10.0		108	73-132				
1,2-Dichloropropane	11		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		108	80-131				
1,3-Dichlorobenzene	10		"	10.0		99.9	86-122				
1,4-Dichlorobenzene	10		"	10.0		101	85-124				
1,4-Dioxane	400		"	200		202	10-349				
2-Butanone	12		"	10.0		118	49-152				
2-Hexanone	9.9		"	10.0		98.7	51-146				
4-Methyl-2-pentanone	10		"	10.0		104	57-145				
Acetone	7.4		"	10.0		74.5	14-150				
Acrolein	10		"	10.0		102	10-153				
Acrylonitrile	11		"	10.0		105	51-150				
Benzene	11		"	10.0		106	85-126				
Bromochloromethane	10		"	10.0		101	77-128				
Bromodichloromethane	11		"	10.0		106	79-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

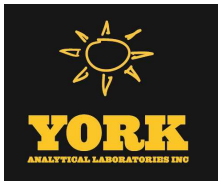
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC71082 - EPA 5030B											
LCS (BC71082-BS1)								Prepared & Analyzed: 03/24/2017			
Bromoform	9.9		ug/L	10.0		99.1	78-133				
Bromomethane	2.1		"	10.0		21.4	43-168	Low Bias			
Carbon disulfide	10		"	10.0		103	68-146				
Carbon tetrachloride	9.8		"	10.0		97.5	77-141				
Chlorobenzene	10		"	10.0		103	88-120				
Chloroethane	8.5		"	10.0		84.9	65-136				
Chloroform	10		"	10.0		104	82-128				
Chloromethane	6.4		"	10.0		63.7	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	10		"	10.0		102	80-131				
Cyclohexane	10		"	10.0		104	63-149				
Dibromochloromethane	10		"	10.0		104	80-130				
Dibromomethane	10		"	10.0		101	72-134				
Dichlorodifluoromethane	8.7		"	10.0		87.0	44-144				
Ethyl Benzene	11		"	10.0		106	80-131				
Hexachlorobutadiene	9.2		"	10.0		92.4	67-146				
Isopropylbenzene	10		"	10.0		104	76-140				
Methyl acetate	10		"	10.0		100	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	76-135				
Methylcyclohexane	10		"	10.0		102	72-143				
Methylene chloride	10		"	10.0		102	55-137				
n-Butylbenzene	10		"	10.0		105	79-132				
n-Propylbenzene	10		"	10.0		105	78-133				
o-Xylene	11		"	10.0		108	78-130				
p- & m- Xylenes	21		"	20.0		106	77-133				
p-Isopropyltoluene	11		"	10.0		106	81-136				
sec-Butylbenzene	10		"	10.0		103	79-137				
Styrene	11		"	10.0		108	67-132				
tert-Butyl alcohol (TBA)	13		"	10.0		133	25-162				
tert-Butylbenzene	10		"	10.0		101	77-138				
Tetrachloroethylene	9.2		"	10.0		91.7	82-131				
Toluene	10		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		102	78-131				
Trichloroethylene	10		"	10.0		101	82-128				
Trichlorofluoromethane	10		"	10.0		103	67-139				
Vinyl Chloride	9.6		"	10.0		95.5	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.76*		*"*	*10.0*		*97.6*	*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 BC71082 - EPA 5030B											
LCS Dup (BC71082-BSD1)								Prepared & Analyzed: 03/24/2017			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		100	82-126		2.26	30	
1,1,1-Trichloroethane	10		"	10.0		105	78-136		2.26	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		107	76-129		1.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.6		"	10.0		96.2	54-165		5.75	30	
1,1,2-Trichloroethane	11		"	10.0		107	82-123		1.69	30	
1,1-Dichloroethane	10		"	10.0		102	82-129		3.37	30	
1,1-Dichloroethylene	10		"	10.0		99.9	68-138		1.39	30	
1,2,3-Trichlorobenzene	12		"	10.0		117	76-136		8.91	30	
1,2,3-Trichloropropane	11		"	10.0		111	77-128		6.99	30	
1,2,4-Trichlorobenzene	11		"	10.0		109	76-137		7.15	30	
1,2,4-Trimethylbenzene	11		"	10.0		106	82-132		0.663	30	
1,2-Dibromo-3-chloropropane	9.9		"	10.0		99.2	45-147		3.17	30	
1,2-Dibromoethane	9.9		"	10.0		99.4	83-124		1.20	30	
1,2-Dichlorobenzene	10		"	10.0		103	79-123		0.290	30	
1,2-Dichloroethane	11		"	10.0		108	73-132		0.555	30	
1,2-Dichloropropane	11		"	10.0		107	78-126		1.03	30	
1,3,5-Trimethylbenzene	10		"	10.0		105	80-131		2.92	30	
1,3-Dichlorobenzene	11		"	10.0		106	86-122		6.02	30	
1,4-Dichlorobenzene	10		"	10.0		102	85-124		0.787	30	
1,4-Dioxane	310		"	200		154	10-349		26.7	30	
2-Butanone	11		"	10.0		107	49-152		9.80	30	
2-Hexanone	10		"	10.0		101	51-146		2.11	30	
4-Methyl-2-pentanone	10		"	10.0		102	57-145		1.46	30	
Acetone	7.9		"	10.0		79.2	14-150		6.12	30	
Acrolein	11		"	10.0		108	10-153		5.89	30	
Acrylonitrile	11		"	10.0		112	51-150		6.09	30	
Benzene	10		"	10.0		104	85-126		1.81	30	
Bromochloromethane	9.8		"	10.0		97.7	77-128		3.22	30	
Bromodichloromethane	10		"	10.0		104	79-128		1.71	30	
Bromoform	9.6		"	10.0		95.9	78-133		3.28	30	
Bromomethane	2.0		"	10.0		20.2	43-168	Low Bias	5.77	30	
Carbon disulfide	10		"	10.0		103	68-146		0.485	30	
Carbon tetrachloride	9.7		"	10.0		96.9	77-141		0.617	30	
Chlorobenzene	11		"	10.0		105	88-120		1.73	30	
Chloroethane	9.5		"	10.0		95.2	65-136		11.4	30	
Chloroform	10		"	10.0		102	82-128		2.14	30	
Chloromethane	6.2		"	10.0		61.7	43-155		3.19	30	
cis-1,2-Dichloroethylene	11		"	10.0		105	83-129		1.05	30	
cis-1,3-Dichloropropylene	11		"	10.0		105	80-131		2.80	30	
Cyclohexane	10		"	10.0		103	63-149		0.964	30	
Dibromochloromethane	10		"	10.0		105	80-130		0.765	30	
Dibromomethane	9.9		"	10.0		99.4	72-134		1.50	30	
Dichlorodifluoromethane	8.6		"	10.0		86.1	44-144		1.04	30	
Ethyl Benzene	11		"	10.0		107	80-131		1.13	30	
Hexachlorobutadiene	9.1		"	10.0		91.3	67-146		1.20	30	
Isopropylbenzene	11		"	10.0		106	76-140		2.38	30	
Methyl acetate	9.6		"	10.0		96.0	51-139		4.38	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		103	76-135		0.681	30	
Methylcyclohexane	10		"	10.0		105	72-143		2.90	30	
Methylene chloride	9.9		"	10.0		98.7	55-137		3.09	30	
n-Butylbenzene	11		"	10.0		105	79-132		0.476	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 BC71082 - EPA 5030B											
LCS Dup (BC71082-BSD1)								Prepared & Analyzed: 03/24/2017			
n-Propylbenzene	11		ug/L	10.0		106	78-133		1.42	30	
o-Xylene	11		"	10.0		107	78-130		0.742	30	
p- & m- Xylenes	21		"	20.0		105	77-133		0.664	30	
p-Isopropyltoluene	11		"	10.0		106	81-136		0.00	30	
sec-Butylbenzene	11		"	10.0		106	79-137		2.58	30	
Styrene	11		"	10.0		111	67-132		2.82	30	
tert-Butyl alcohol (TBA)	14		"	10.0		138	25-162		3.77	30	
tert-Butylbenzene	10		"	10.0		104	77-138		3.41	30	
Tetrachloroethylene	9.4		"	10.0		93.5	82-131		1.94	30	
Toluene	10		"	10.0		103	80-127		1.56	30	
trans-1,2-Dichloroethylene	10		"	10.0		103	80-132		2.41	30	
trans-1,3-Dichloropropylene	10		"	10.0		102	78-131		0.293	30	
Trichloroethylene	10		"	10.0		99.6	82-128		1.20	30	
Trichlorofluoromethane	9.6		"	10.0		95.6	67-139		7.45	30	
Vinyl Chloride	8.8		"	10.0		87.8	58-145		8.40	30	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
Matrix Spike (BC71082-MS1)	*Source sample: 17C0708-01 (MW06_031917)							Prepared & Analyzed: 03/24/2017			
1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0	ND	98.3	45-161				
1,1,1-Trichloroethane	10		"	10.0	0.31	100	70-146				
1,1,2,2-Tetrachloroethane	10		"	10.0	ND	103	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.4		"	10.0	ND	83.9	21-217				
1,1,2-Trichloroethane	9.9		"	10.0	ND	98.8	59-146				
1,1-Dichloroethane	12		"	10.0	2.0	96.3	54-146				
1,1-Dichloroethylene	9.7		"	10.0	0.26	94.4	44-165				
1,2,3-Trichlorobenzene	9.8		"	10.0	ND	98.2	40-161				
1,2,3-Trichloropropane	10		"	10.0	ND	103	74-127				
1,2,4-Trichlorobenzene	9.3		"	10.0	ND	92.9	41-161				
1,2,4-Trimethylbenzene	10		"	10.0	ND	103	72-129				
1,2-Dibromo-3-chloropropane	9.7		"	10.0	ND	96.8	31-151				
1,2-Dibromoethane	9.3		"	10.0	ND	92.9	75-125				
1,2-Dichlorobenzene	10		"	10.0	ND	100	63-122				
1,2-Dichloroethane	10		"	10.0	ND	101	68-131				
1,2-Dichloropropane	10		"	10.0	ND	102	77-121				
1,3,5-Trimethylbenzene	10		"	10.0	ND	101	69-126				
1,3-Dichlorobenzene	9.8		"	10.0	ND	97.7	74-119				
1,4-Dichlorobenzene	10		"	10.0	ND	101	70-124				
1,4-Dioxane	390		"	200	ND	195	10-310				
2-Butanone	14		"	10.0	ND	138	10-193				
2-Hexanone	9.5		"	10.0	ND	94.8	53-133				
4-Methyl-2-pentanone	9.9		"	10.0	ND	98.9	38-150				
Acetone	8.5		"	10.0	ND	84.7	13-149				
Acrolein	10		"	10.0	ND	99.8	10-195				
Acrylonitrile	9.7		"	10.0	ND	96.8	37-165				
Benzene	10		"	10.0	0.33	97.8	38-155				
Bromochloromethane	9.5		"	10.0	ND	94.6	75-121				
Bromodichloromethane	10		"	10.0	ND	101	70-129				
Bromoform	8.9		"	10.0	ND	88.8	66-136				
Bromomethane	2.2		"	10.0	ND	22.3	30-158	Low Bias			

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 BC71082 - EPA 5030B											
Matrix Spike (BC71082-MS1)	*Source sample: 17C0708-01 (MW06_031917)							Prepared & Analyzed: 03/24/2017			
Carbon disulfide	9.3		ug/L	10.0	ND	93.4	10-138				
Carbon tetrachloride	9.2		"	10.0	ND	92.3	71-146				
Chlorobenzene	9.8		"	10.0	ND	98.1	81-117				
Chloroethane	7.5		"	10.0	ND	74.6	51-145				
Chloroform	10		"	10.0	ND	100	80-124				
Chloromethane	4.6		"	10.0	ND	45.5	16-163				
cis-1,2-Dichloroethylene	31		"	10.0	32	NR	76-125	Low Bias			
cis-1,3-Dichloropropylene	9.7		"	10.0	ND	97.1	58-131				
Cyclohexane	20		"	10.0	ND	201	70-130	High Bias			
Dibromochloromethane	9.6		"	10.0	ND	96.4	71-129				
Dibromomethane	9.8		"	10.0	ND	97.9	76-120				
Dichlorodifluoromethane	7.2		"	10.0	ND	72.3	30-147				
Ethyl Benzene	10		"	10.0	ND	103	72-128				
Hexachlorobutadiene	7.5		"	10.0	ND	75.4	34-166				
Isopropylbenzene	10		"	10.0	ND	104	66-139				
Methyl acetate	8.1		"	10.0	ND	81.1	10-200				
Methyl tert-butyl ether (MTBE)	9.9		"	10.0	0.39	95.0	75-128				
Methylcyclohexane	9.0		"	10.0	ND	89.8	70-130				
Methylene chloride	9.1		"	10.0	ND	90.6	57-128				
n-Butylbenzene	9.8		"	10.0	ND	98.5	61-138				
n-Propylbenzene	10		"	10.0	ND	104	66-134				
o-Xylene	10		"	10.0	ND	104	69-126				
p- & m- Xylenes	21		"	20.0	ND	103	67-130				
p-Isopropyltoluene	10		"	10.0	ND	101	64-137				
sec-Butylbenzene	10		"	10.0	ND	103	53-155				
Styrene	11		"	10.0	ND	106	69-125				
tert-Butyl alcohol (TBA)	16		"	10.0	ND	162	10-130	High Bias			
tert-Butylbenzene	10		"	10.0	ND	102	65-139				
Tetrachloroethylene	25		"	10.0	20	53.6	64-139	Low Bias			
Toluene	10		"	10.0	ND	99.9	76-123				
trans-1,2-Dichloroethylene	10		"	10.0	0.38	95.9	79-131				
trans-1,3-Dichloropropylene	9.6		"	10.0	ND	96.2	55-130				
Trichloroethylene	14		"	10.0	4.4	101	53-145				
Trichlorofluoromethane	8.9		"	10.0	ND	88.9	61-142				
Vinyl Chloride	110		"	10.0	190	NR	31-165	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.73*		*"*	*10.0*		*97.3*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BC71082 - EPA 5030B

Matrix Spike Dup (BC71082-MSD1) *Source sample: 17C0708-01 (MW06_031917) Prepared & Analyzed: 03/24/2017

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.3		ug/L	10.0	ND	92.8	45-161		5.76	30	
1,1,1-Trichloroethane	9.9		"	10.0	0.31	95.9	70-146		4.54	30	
1,1,2,2-Tetrachloroethane	10		"	10.0	ND	101	74-121		1.96	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.1		"	10.0	ND	80.7	21-217		3.89	30	
1,1,2-Trichloroethane	9.6		"	10.0	ND	96.2	59-146		2.67	30	
1,1-Dichloroethane	11		"	10.0	2.0	92.1	54-146		3.67	30	
1,1-Dichloroethylene	9.3		"	10.0	0.26	90.0	44-165		4.64	30	
1,2,3-Trichlorobenzene	11		"	10.0	ND	106	40-161		8.02	30	
1,2,3-Trichloropropane	10		"	10.0	ND	103	74-127		0.0968	30	
1,2,4-Trichlorobenzene	10		"	10.0	ND	104	41-161		11.3	30	
1,2,4-Trimethylbenzene	10		"	10.0	ND	103	72-129		0.583	30	
1,2-Dibromo-3-chloropropane	11		"	10.0	ND	108	31-151		11.3	30	
1,2-Dibromoethane	9.1		"	10.0	ND	91.1	75-125		1.96	30	
1,2-Dichlorobenzene	9.8		"	10.0	ND	97.8	63-122		2.62	30	
1,2-Dichloroethane	9.2		"	10.0	ND	92.3	68-131		8.90	30	
1,2-Dichloropropane	9.9		"	10.0	ND	98.6	77-121		3.10	30	
1,3,5-Trimethylbenzene	10		"	10.0	ND	103	69-126		2.35	30	
1,3-Dichlorobenzene	9.8		"	10.0	ND	98.0	74-119		0.307	30	
1,4-Dichlorobenzene	9.6		"	10.0	ND	96.4	70-124		4.46	30	
1,4-Dioxane	650		"	200	ND	326	10-310	High Bias	50.3	30	Non-dir.
2-Butanone	12		"	10.0	ND	125	10-193		10.3	30	
2-Hexanone	9.5		"	10.0	ND	94.6	53-133		0.211	30	
4-Methyl-2-pentanone	9.9		"	10.0	ND	98.6	38-150		0.304	30	
Acetone	7.1		"	10.0	ND	70.8	13-149		17.9	30	
Acrolein	10		"	10.0	ND	100	10-195		0.200	30	
Acrylonitrile	8.6		"	10.0	ND	86.2	37-165		11.6	30	
Benzene	9.8		"	10.0	0.33	94.6	38-155		3.22	30	
Bromochloromethane	9.1		"	10.0	ND	91.0	75-121		3.88	30	
Bromodichloromethane	9.9		"	10.0	ND	98.7	70-129		2.11	30	
Bromoform	9.3		"	10.0	ND	92.8	66-136		4.41	30	
Bromomethane	2.4		"	10.0	ND	24.4	30-158	Low Bias	8.99	30	
Carbon disulfide	8.7		"	10.0	ND	86.8	10-138		7.33	30	
Carbon tetrachloride	8.8		"	10.0	ND	88.4	71-146		4.32	30	
Chlorobenzene	9.6		"	10.0	ND	95.8	81-117		2.37	30	
Chloroethane	8.0		"	10.0	ND	80.5	51-145		7.61	30	
Chloroform	9.6		"	10.0	ND	96.0	80-124		4.48	30	
Chloromethane	5.0		"	10.0	ND	49.8	16-163		9.02	30	
cis-1,2-Dichloroethylene	31		"	10.0	32	NR	76-125	Low Bias	1.93	30	
cis-1,3-Dichloropropylene	9.7		"	10.0	ND	96.8	58-131		0.309	30	
Cyclohexane	19		"	10.0	ND	190	70-130	High Bias	5.32	30	
Dibromochloromethane	9.5		"	10.0	ND	95.3	71-129		1.15	30	
Dibromomethane	9.2		"	10.0	ND	92.2	76-120		6.00	30	
Dichlorodifluoromethane	6.9		"	10.0	ND	69.0	30-147		4.67	30	
Ethyl Benzene	10		"	10.0	ND	99.6	72-128		3.26	30	
Hexachlorobutadiene	8.2		"	10.0	ND	82.5	34-166		8.99	30	
Isopropylbenzene	10		"	10.0	ND	102	66-139		1.65	30	
Methyl acetate	8.2		"	10.0	ND	82.0	10-200		1.10	30	
Methyl tert-butyl ether (MTBE)	9.4		"	10.0	0.39	90.6	75-128		4.55	30	
Methylcyclohexane	8.5		"	10.0	ND	84.9	70-130		5.61	30	
Methylene chloride	8.7		"	10.0	ND	86.7	57-128		4.40	30	
n-Butylbenzene	9.7		"	10.0	ND	97.3	61-138		1.23	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 BC71082 - EPA 5030B											
Matrix Spike Dup (BC71082-MSD1)	*Source sample: 17C0708-01 (MW06_031917)								Prepared & Analyzed: 03/24/2017		
n-Propylbenzene	10		ug/L	10.0	ND	103	66-134		0.775	30	
o-Xylene	10		"	10.0	ND	99.8	69-126		4.31	30	
p- & m- Xylenes	20		"	20.0	ND	99.1	67-130		4.15	30	
p-Isopropyltoluene	9.9		"	10.0	ND	99.0	64-137		2.20	30	
sec-Butylbenzene	10		"	10.0	ND	101	53-155		1.47	30	
Styrene	10		"	10.0	ND	102	69-125		4.41	30	
tert-Butyl alcohol (TBA)	28		"	10.0	ND	277	10-130	High Bias	52.5	30	Non-dir.
tert-Butylbenzene	10		"	10.0	ND	101	65-139		0.590	30	
Tetrachloroethylene	25		"	10.0	20	54.2	64-139	Low Bias	0.236	30	
Toluene	9.7		"	10.0	ND	97.1	76-123		2.84	30	
trans-1,2-Dichloroethylene	9.4		"	10.0	0.38	90.5	79-131		5.57	30	
trans-1,3-Dichloropropylene	9.7		"	10.0	ND	97.2	55-130		1.03	30	
Trichloroethylene	15		"	10.0	4.4	102	53-145		0.759	30	
Trichlorofluoromethane	8.7		"	10.0	ND	86.8	61-142		2.39	30	
Vinyl Chloride	120		"	10.0	190	NR	31-165	Low Bias	7.11	30	
Surrogate: 1,2-Dichloroethane-d4	*9.92*		*"*	*10.0*		*99.2*	*69-130*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
Batch BC71158 - EPA 5030B											
Blank (BC71158-BLK1)									Prepared & Analyzed: 03/27/2017		
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	2.0	"								
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	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

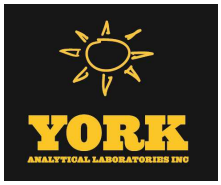
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC71158 - EPA 5030B											
Blank (BC71158-BLK1)											Prepared & Analyzed: 03/27/2017
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	2.0	"								
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	2.0	"								
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	*9.78*		*"*	*10.0*		*97.8*	*69-130*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*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 BC71158 - EPA 5030B											
LCS (BC71158-BS1)								Prepared & Analyzed: 03/27/2017			
1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0		98.5	82-126				
1,1,1-Trichloroethane	9.9		"	10.0		98.7	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		109	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.8		"	10.0		98.0	54-165				
1,1,2-Trichloroethane	10		"	10.0		103	82-123				
1,1-Dichloroethane	10		"	10.0		100	82-129				
1,1-Dichloroethylene	10		"	10.0		104	68-138				
1,2,3-Trichlorobenzene	9.6		"	10.0		95.7	76-136				
1,2,3-Trichloropropane	11		"	10.0		111	77-128				
1,2,4-Trichlorobenzene	9.8		"	10.0		98.0	76-137				
1,2,4-Trimethylbenzene	11		"	10.0		110	82-132				
1,2-Dibromo-3-chloropropane	11		"	10.0		114	45-147				
1,2-Dibromoethane	9.8		"	10.0		97.7	83-124				
1,2-Dichlorobenzene	11		"	10.0		106	79-123				
1,2-Dichloroethane	9.6		"	10.0		96.0	73-132				
1,2-Dichloropropane	10		"	10.0		105	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		109	80-131				
1,3-Dichlorobenzene	11		"	10.0		107	86-122				
1,4-Dichlorobenzene	11		"	10.0		107	85-124				
1,4-Dioxane	550		"	200		273	10-349				
2-Butanone	10		"	10.0		101	49-152				
2-Hexanone	10		"	10.0		102	51-146				
4-Methyl-2-pentanone	11		"	10.0		111	57-145				
Acetone	8.5		"	10.0		85.2	14-150				
Acrolein	14		"	10.0		137	10-153				
Acrylonitrile	12		"	10.0		117	51-150				
Benzene	10		"	10.0		101	85-126				
Bromochloromethane	9.9		"	10.0		99.2	77-128				
Bromodichloromethane	10		"	10.0		104	79-128				
Bromoform	11		"	10.0		106	78-133				
Bromomethane	4.4		"	10.0		44.5	43-168				
Carbon disulfide	10		"	10.0		101	68-146				
Carbon tetrachloride	9.2		"	10.0		92.2	77-141				
Chlorobenzene	10		"	10.0		102	88-120				
Chloroethane	11		"	10.0		111	65-136				
Chloroform	9.7		"	10.0		97.4	82-128				
Chloromethane	8.0		"	10.0		79.6	43-155				
cis-1,2-Dichloroethylene	10		"	10.0		99.7	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		108	80-131				
Cyclohexane	10		"	10.0		104	63-149				
Dibromochloromethane	10		"	10.0		102	80-130				
Dibromomethane	10		"	10.0		102	72-134				
Dichlorodifluoromethane	12		"	10.0		123	44-144				
Ethyl Benzene	11		"	10.0		106	80-131				
Hexachlorobutadiene	8.4		"	10.0		83.9	67-146				
Isopropylbenzene	11		"	10.0		113	76-140				
Methyl acetate	9.6		"	10.0		96.2	51-139				
Methyl tert-butyl ether (MTBE)	9.7		"	10.0		97.0	76-135				
Methylcyclohexane	10		"	10.0		104	72-143				
Methylene chloride	11		"	10.0		115	55-137				
n-Butylbenzene	11		"	10.0		106	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 BC71158 - EPA 5030B											
LCS (BC71158-BS1)								Prepared & Analyzed: 03/27/2017			
n-Propylbenzene	11		ug/L	10.0		113	78-133				
o-Xylene	11		"	10.0		105	78-130				
p- & m- Xylenes	21		"	20.0		106	77-133				
p-Isopropyltoluene	11		"	10.0		109	81-136				
sec-Butylbenzene	11		"	10.0		110	79-137				
Styrene	11		"	10.0		107	67-132				
tert-Butyl alcohol (TBA)	14		"	10.0		136	25-162				
tert-Butylbenzene	11		"	10.0		106	77-138				
Tetrachloroethylene	9.0		"	10.0		90.2	82-131				
Toluene	10		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		103	78-131				
Trichloroethylene	10		"	10.0		101	82-128				
Trichlorofluoromethane	9.8		"	10.0		97.9	67-139				
Vinyl Chloride	11		"	10.0		111	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.48*		*"*	*10.0*		*94.8*	*69-130*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS Dup (BC71158-BSD1)								Prepared & Analyzed: 03/27/2017			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		101	82-126		2.51	30	
1,1,1-Trichloroethane	10		"	10.0		101	78-136		2.60	30	
1,1,2,2-Tetrachloroethane	12		"	10.0		117	76-129		6.37	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165		3.71	30	
1,1,2-Trichloroethane	11		"	10.0		106	82-123		3.06	30	
1,1-Dichloroethane	10		"	10.0		102	82-129		2.37	30	
1,1-Dichloroethylene	10		"	10.0		104	68-138		0.482	30	
1,2,3-Trichlorobenzene	10		"	10.0		105	76-136		9.08	30	
1,2,3-Trichloropropane	11		"	10.0		112	77-128		1.17	30	
1,2,4-Trichlorobenzene	9.9		"	10.0		99.0	76-137		1.02	30	
1,2,4-Trimethylbenzene	11		"	10.0		112	82-132		1.62	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		104	45-147		9.45	30	
1,2-Dibromoethane	10		"	10.0		103	83-124		5.28	30	
1,2-Dichlorobenzene	11		"	10.0		108	79-123		1.96	30	
1,2-Dichloroethane	9.6		"	10.0		95.8	73-132		0.209	30	
1,2-Dichloropropane	11		"	10.0		107	78-126		2.08	30	
1,3,5-Trimethylbenzene	11		"	10.0		110	80-131		0.912	30	
1,3-Dichlorobenzene	11		"	10.0		110	86-122		2.95	30	
1,4-Dichlorobenzene	11		"	10.0		107	85-124		0.280	30	
1,4-Dioxane	500		"	200		248	10-349		9.90	30	
2-Butanone	11		"	10.0		110	49-152		8.07	30	
2-Hexanone	11		"	10.0		106	51-146		2.88	30	
4-Methyl-2-pentanone	11		"	10.0		114	57-145		3.20	30	
Acetone	7.8		"	10.0		77.6	14-150		9.34	30	
Acrolein	13		"	10.0		126	10-153		8.68	30	
Acrylonitrile	10		"	10.0		104	51-150		11.6	30	
Benzene	10		"	10.0		103	85-126		2.15	30	
Bromochloromethane	10		"	10.0		102	77-128		3.27	30	
Bromodichloromethane	11		"	10.0		106	79-128		1.43	30	
Bromoform	11		"	10.0		112	78-133		5.33	30	
Bromomethane	4.7		"	10.0		46.9	43-168		5.25	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 BC71158 - EPA 5030B											
LCS Dup (BC71158-BSD1)								Prepared & Analyzed: 03/27/2017			
Carbon disulfide	10		ug/L	10.0		103	68-146		2.65	30	
Carbon tetrachloride	9.7		"	10.0		96.8	77-141		4.87	30	
Chlorobenzene	10		"	10.0		104	88-120		1.26	30	
Chloroethane	11		"	10.0		106	65-136		3.96	30	
Chloroform	10		"	10.0		102	82-128		5.10	30	
Chloromethane	8.6		"	10.0		85.8	43-155		7.50	30	
cis-1,2-Dichloroethylene	10		"	10.0		103	83-129		3.06	30	
cis-1,3-Dichloropropylene	11		"	10.0		110	80-131		1.92	30	
Cyclohexane	11		"	10.0		106	63-149		1.99	30	
Dibromochloromethane	11		"	10.0		107	80-130		4.11	30	
Dibromomethane	11		"	10.0		110	72-134		7.09	30	
Dichlorodifluoromethane	13		"	10.0		127	44-144		2.88	30	
Ethyl Benzene	11		"	10.0		108	80-131		2.71	30	
Hexachlorobutadiene	9.0		"	10.0		90.1	67-146		7.13	30	
Isopropylbenzene	11		"	10.0		113	76-140		0.266	30	
Methyl acetate	10		"	10.0		101	51-139		5.26	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		101	76-135		4.44	30	
Methylcyclohexane	11		"	10.0		107	72-143		3.04	30	
Methylene chloride	12		"	10.0		118	55-137		2.58	30	
n-Butylbenzene	11		"	10.0		110	79-132		3.60	30	
n-Propylbenzene	11		"	10.0		114	78-133		0.352	30	
o-Xylene	11		"	10.0		107	78-130		1.79	30	
p- & m- Xylenes	21		"	20.0		107	77-133		1.41	30	
p-Isopropyltoluene	11		"	10.0		110	81-136		1.55	30	
sec-Butylbenzene	11		"	10.0		112	79-137		2.25	30	
Styrene	11		"	10.0		112	67-132		3.93	30	
tert-Butyl alcohol (TBA)	11		"	10.0		107	25-162		23.6	30	
tert-Butylbenzene	11		"	10.0		110	77-138		3.71	30	
Tetrachloroethylene	9.2		"	10.0		92.4	82-131		2.41	30	
Toluene	11		"	10.0		107	80-127		2.17	30	
trans-1,2-Dichloroethylene	11		"	10.0		106	80-132		3.16	30	
trans-1,3-Dichloropropylene	11		"	10.0		108	78-131		4.85	30	
Trichloroethylene	10		"	10.0		103	82-128		1.66	30	
Trichlorofluoromethane	10		"	10.0		103	67-139		4.88	30	
Vinyl Chloride	11		"	10.0		113	58-145		1.34	30	
Surrogate: 1,2-Dichloroethane-d4	*9.62*		*"*	*10.0*		*96.2*	*69-130*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.94*		*"*	*10.0*		*99.4*	*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 BC71120 - EPA 3510C											
Blank (BC71120-BLK1)											
Prepared: 03/24/2017 Analyzed: 03/26/2017											
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	"								

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 BC71120 - EPA 3510C											
Blank (BC71120-BLK1)											
Prepared: 03/24/2017 Analyzed: 03/26/2017											
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	*20.7*		"	*79.2*		*26.2*	*12-64*				
Surrogate: Phenol-d5	*12.0*		"	*77.3*		*15.5*	*10-82*				
Surrogate: Nitrobenzene-d5	*28.2*		"	*58.8*		*47.9*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*31.4*		"	*52.2*		*60.2*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*77.6*		"	*76.6*		*101*	*15-104*				
Surrogate: Terphenyl-d14	*28.2*		"	*53.4*		*52.8*	*15-106*				

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 BC71120 - EPA 3510C											
Blank (BC71120-BLK2)											Prepared: 03/24/2017 Analyzed: 03/26/2017
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	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	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BC71120-BS1)											Prepared: 03/24/2017 Analyzed: 03/26/2017
1,1-Biphenyl	33.9	5.00	ug/L	50.0		67.8	21-102				
1,2,4,5-Tetrachlorobenzene	36.1	5.00	"	50.0		72.1	28-105				
1,2,4-Trichlorobenzene	32.9	5.00	"	50.0		65.8	35-91				
1,2-Dichlorobenzene	32.0	5.00	"	50.0		64.1	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	29.7	5.00	"	50.0		59.3	16-137				
1,3-Dichlorobenzene	32.2	5.00	"	50.0		64.4	45-80				
1,4-Dichlorobenzene	30.9	5.00	"	50.0		61.7	42-82				
2,3,4,6-Tetrachlorophenol	79.0	5.00	"	50.0		158	30-130	High Bias			
2,4,5-Trichlorophenol	33.0	5.00	"	50.0		65.9	36-112				
2,4,6-Trichlorophenol	36.5	5.00	"	50.0		73.0	41-107				
2,4-Dichlorophenol	40.2	5.00	"	50.0		80.4	43-92				
2,4-Dimethylphenol	31.8	5.00	"	50.0		63.6	25-92				
2,4-Dinitrophenol	29.9	5.00	"	50.0		59.8	10-149				
2,4-Dinitrotoluene	37.7	5.00	"	50.0		75.4	41-114				
2,6-Dinitrotoluene	38.2	5.00	"	50.0		76.4	49-106				
2-Chloronaphthalene	34.3	5.00	"	50.0		68.7	40-96				
2-Chlorophenol	29.1	5.00	"	50.0		58.2	35-84				
2-Methylnaphthalene	39.7	5.00	"	50.0		79.5	33-101				
2-Methylphenol	18.9	5.00	"	50.0		37.7	10-90				
2-Nitroaniline	41.2	5.00	"	50.0		82.5	31-122				
2-Nitrophenol	37.5	5.00	"	50.0		74.9	37-97				
3- & 4-Methylphenols	14.7	5.00	"	50.0		29.3	10-101				
3,3-Dichlorobenzidine	30.2	5.00	"	50.0		60.5	25-155				
3-Nitroaniline	31.1	5.00	"	50.0		62.2	29-128				
4,6-Dinitro-2-methylphenol	29.4	5.00	"	50.0		58.8	10-135				

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 BC71120 - EPA 3510C											
LCS (BC71120-BS1)								Prepared: 03/24/2017 Analyzed: 03/26/2017			
4-Bromophenyl phenyl ether	42.7	5.00	ug/L	50.0		85.3	38-116				
4-Chloro-3-methylphenol	27.2	5.00	"	50.0		54.4	28-101				
4-Chloroaniline	24.3	5.00	"	50.0		48.7	10-154				
4-Chlorophenyl phenyl ether	33.7	5.00	"	50.0		67.4	34-112				
4-Nitroaniline	34.1	5.00	"	50.0		68.1	15-143				
4-Nitrophenol	10.8	5.00	"	50.0		21.5	10-112				
Acenaphthene	37.7	0.0500	"	50.0		75.3	24-114				
Acenaphthylene	33.9	0.0500	"	50.0		67.9	26-112				
Acetophenone	23.8	5.00	"	50.0		47.5	47-92				
Aniline	12.3	5.00	"	50.0		24.6	10-107				
Anthracene	37.4	0.0500	"	50.0		74.7	35-114				
Atrazine	39.7	0.500	"	50.0		79.5	43-101				
Benzaldehyde	ND	5.00	"	50.0			17-117	Low Bias			
Benzo(a)anthracene	35.7	0.0500	"	50.0		71.3	38-127				
Benzo(a)pyrene	39.4	0.0500	"	50.0		78.7	30-146				
Benzo(b)fluoranthene	38.4	0.0500	"	50.0		76.8	36-145				
Benzo(g,h,i)perylene	45.3	0.0500	"	50.0		90.7	10-163				
Benzo(k)fluoranthene	38.4	0.0500	"	50.0		76.8	16-149				
Benzoic acid	ND	50.0	"	50.0			30-130	Low Bias			
Benzyl alcohol	17.7	5.00	"	50.0		35.4	18-75				
Benzyl butyl phthalate	32.8	5.00	"	50.0		65.6	28-129				
Bis(2-chloroethoxy)methane	27.0	5.00	"	50.0		54.1	27-112				
Bis(2-chloroethyl)ether	23.5	5.00	"	50.0		47.1	24-114				
Bis(2-chloroisopropyl)ether	22.9	5.00	"	50.0		45.9	21-124				
Bis(2-ethylhexyl)phthalate	33.7	0.500	"	50.0		67.4	10-171				
Caprolactam	7.12	5.00	"	50.0		14.2	10-29				
Carbazole	36.7	5.00	"	50.0		73.3	49-116				
Chrysene	36.4	0.0500	"	50.0		72.9	33-120				
Dibenzo(a,h)anthracene	44.2	0.0500	"	50.0		88.4	10-149				
Dibenzofuran	34.7	5.00	"	50.0		69.4	42-105				
Diethyl phthalate	36.8	5.00	"	50.0		73.6	38-112				
Dimethyl phthalate	37.0	5.00	"	50.0		74.0	49-106				
Di-n-butyl phthalate	38.1	5.00	"	50.0		76.2	36-110				
Di-n-octyl phthalate	32.8	5.00	"	50.0		65.6	12-149				
Fluoranthene	39.4	0.0500	"	50.0		78.8	33-126				
Fluorene	35.9	0.0500	"	50.0		71.8	28-117				
Hexachlorobenzene	41.4	0.0200	"	50.0		82.8	27-120				
Hexachlorobutadiene	37.7	0.500	"	50.0		75.3	25-106				
Hexachlorocyclopentadiene	23.0	5.00	"	50.0		45.9	10-99				
Hexachloroethane	25.8	0.500	"	50.0		51.6	33-84				
Indeno(1,2,3-cd)pyrene	43.2	0.0500	"	50.0		86.3	10-150				
Isophorone	25.8	5.00	"	50.0		51.5	29-115				
Naphthalene	33.0	0.0500	"	50.0		66.0	30-99				
Nitrobenzene	24.6	0.250	"	50.0		49.3	32-113				
N-Nitrosodimethylamine	10.4	0.500	"	50.0		20.8	10-63				
N-nitroso-di-n-propylamine	21.4	5.00	"	50.0		42.8	36-118				
N-Nitrosodiphenylamine	46.8	5.00	"	50.0		93.6	27-145				
Pentachlorophenol	35.2	0.250	"	50.0		70.5	19-127				
Phenanthrene	38.5	0.0500	"	50.0		76.9	31-112				
Phenol	8.96	5.00	"	50.0		17.9	10-37				
Pyrene	33.3	0.0500	"	50.0		66.6	42-125				

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 BC71120 - EPA 3510C											
LCS (BC71120-BS1)											Prepared: 03/24/2017 Analyzed: 03/26/2017
Surrogate: 2-Fluorophenol	*22.7*		*ug/L*	*79.2*		*28.6*	*12-64*				
Surrogate: Phenol-d5	*13.0*		*"*	*77.3*		*16.8*	*10-82*				
Surrogate: Nitrobenzene-d5	*29.6*		*"*	*58.8*		*50.3*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*31.2*		*"*	*52.2*		*59.7*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*85.1*		*"*	*76.6*		*111*	*15-104*				
Surrogate: Terphenyl-d14	*28.4*		*"*	*53.4*		*53.2*	*15-106*				
LCS (BC71120-BS2)											Prepared: 03/24/2017 Analyzed: 03/26/2017
Acenaphthene	0.620	0.0500	ug/L	1.00		62.0	24-114				
Acenaphthylene	0.510	0.0500	"	1.00		51.0	26-112				
Anthracene	0.570	0.0500	"	1.00		57.0	35-114				
Atrazine	ND	0.500	"				43-101				
Benzo(a)anthracene	0.560	0.0500	"	1.00		56.0	38-127				
Benzo(a)pyrene	0.600	0.0500	"	1.00		60.0	30-146				
Benzo(b)fluoranthene	0.560	0.0500	"	1.00		56.0	36-145				
Benzo(g,h,i)perylene	0.640	0.0500	"	1.00		64.0	10-163				
Benzo(k)fluoranthene	0.700	0.0500	"	1.00		70.0	16-149				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Chrysene	0.680	0.0500	"	1.00		68.0	33-120				
Dibenzo(a,h)anthracene	0.650	0.0500	"	1.00		65.0	10-149				
Fluoranthene	0.660	0.0500	"	1.00		66.0	33-126				
Fluorene	0.630	0.0500	"	1.00		63.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	0.620	0.0500	"	1.00		62.0	10-150				
Naphthalene	0.540	0.0500	"	1.00		54.0	30-99				
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.570	0.0500	"	1.00		57.0	31-112				
Pyrene	0.600	0.0500	"	1.00		60.0	42-125				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BC71120 - EPA 3510C

LCS Dup (BC71120-BSD1) Prepared: 03/24/2017 Analyzed: 03/26/2017

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	36.4	5.00	ug/L	50.0		72.9	21-102		7.22	20	
1,2,4,5-Tetrachlorobenzene	38.8	5.00	"	50.0		77.7	28-105		7.40	20	
1,2,4-Trichlorobenzene	35.2	5.00	"	50.0		70.4	35-91		6.81	20	
1,2-Dichlorobenzene	33.8	5.00	"	50.0		67.6	42-85		5.35	20	
1,2-Diphenylhydrazine (as Azobenzene)	31.6	5.00	"	50.0		63.2	16-137		6.24	20	
1,3-Dichlorobenzene	35.4	5.00	"	50.0		70.7	45-80		9.41	20	
1,4-Dichlorobenzene	32.5	5.00	"	50.0		65.0	42-82		5.21	20	
2,3,4,6-Tetrachlorophenol	84.6	5.00	"	50.0		169	30-130	High Bias	6.87	20	
2,4,5-Trichlorophenol	36.8	5.00	"	50.0		73.6	36-112		11.1	20	
2,4,6-Trichlorophenol	39.9	5.00	"	50.0		79.8	41-107		8.82	20	
2,4-Dichlorophenol	43.6	5.00	"	50.0		87.2	43-92		8.21	20	
2,4-Dimethylphenol	34.4	5.00	"	50.0		68.7	25-92		7.74	20	
2,4-Dinitrophenol	33.8	5.00	"	50.0		67.7	10-149		12.4	20	
2,4-Dinitrotoluene	40.8	5.00	"	50.0		81.7	41-114		7.94	20	
2,6-Dinitrotoluene	42.0	5.00	"	50.0		84.0	49-106		9.40	20	
2-Chloronaphthalene	37.0	5.00	"	50.0		74.0	40-96		7.51	20	
2-Chlorophenol	31.7	5.00	"	50.0		63.4	35-84		8.59	20	
2-Methylnaphthalene	42.4	5.00	"	50.0		84.7	33-101		6.43	20	
2-Methylphenol	20.9	5.00	"	50.0		41.9	10-90		10.4	20	
2-Nitroaniline	45.1	5.00	"	50.0		90.2	31-122		8.92	20	
2-Nitrophenol	41.2	5.00	"	50.0		82.4	37-97		9.43	20	
3- & 4-Methylphenols	15.4	5.00	"	50.0		30.8	10-101		4.79	20	
3,3-Dichlorobenzidine	34.4	5.00	"	50.0		68.7	25-155		12.8	20	
3-Nitroaniline	33.0	5.00	"	50.0		66.0	29-128		5.84	20	
4,6-Dinitro-2-methylphenol	32.4	5.00	"	50.0		64.8	10-135		9.58	20	
4-Bromophenyl phenyl ether	46.9	5.00	"	50.0		93.9	38-116		9.53	20	
4-Chloro-3-methylphenol	29.6	5.00	"	50.0		59.2	28-101		8.31	20	
4-Chloroaniline	26.7	5.00	"	50.0		53.5	10-154		9.40	20	
4-Chlorophenyl phenyl ether	36.7	5.00	"	50.0		73.3	34-112		8.44	20	
4-Nitroaniline	36.8	5.00	"	50.0		73.5	15-143		7.62	20	
4-Nitrophenol	16.0	5.00	"	50.0		31.9	10-112		39.0	20	Non-dir.
Acenaphthene	40.2	0.0500	"	50.0		80.4	24-114		6.52	20	
Acenaphthylene	36.3	0.0500	"	50.0		72.7	26-112		6.80	20	
Acetophenone	25.3	5.00	"	50.0		50.6	47-92		6.16	20	
Aniline	13.4	5.00	"	50.0		26.7	10-107		8.26	20	
Anthracene	40.1	0.0500	"	50.0		80.2	35-114		7.07	20	
Atrazine	41.5	0.500	"	50.0		82.9	43-101		4.29	20	
Benzaldehyde	ND	5.00	"	50.0			17-117	Low Bias		20	
Benzo(a)anthracene	38.6	0.0500	"	50.0		77.1	38-127		7.76	20	
Benzo(a)pyrene	42.4	0.0500	"	50.0		84.8	30-146		7.48	20	
Benzo(b)fluoranthene	43.6	0.0500	"	50.0		87.3	36-145		12.8	20	
Benzo(g,h,i)perylene	49.2	0.0500	"	50.0		98.4	10-163		8.21	20	
Benzo(k)fluoranthene	39.9	0.0500	"	50.0		79.9	16-149		3.85	20	
Benzoic acid	ND	50.0	"	50.0			30-130	Low Bias		20	
Benzyl alcohol	18.9	5.00	"	50.0		37.8	18-75		6.45	20	
Benzyl butyl phthalate	34.7	5.00	"	50.0		69.3	28-129		5.48	20	
Bis(2-chloroethoxy)methane	28.3	5.00	"	50.0		56.6	27-112		4.59	20	
Bis(2-chloroethyl)ether	24.6	5.00	"	50.0		49.3	24-114		4.65	20	
Bis(2-chloroisopropyl)ether	24.5	5.00	"	50.0		48.9	21-124		6.41	20	
Bis(2-ethylhexyl)phthalate	35.8	0.500	"	50.0		71.7	10-171		6.15	20	
Caprolactam	7.68	5.00	"	50.0		15.4	10-29		7.57	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 BC71120 - EPA 3510C											
LCS Dup (BC71120-BSD1)									Prepared: 03/24/2017 Analyzed: 03/26/2017		
Carbazole	39.9	5.00	ug/L	50.0		79.8	49-116		8.39	20	
Chrysene	39.1	0.0500	"	50.0		78.1	33-120		6.94	20	
Dibenzo(a,h)anthracene	47.6	0.0500	"	50.0		95.1	10-149		7.33	20	
Dibenzofuran	37.7	5.00	"	50.0		75.5	42-105		8.31	20	
Diethyl phthalate	39.4	5.00	"	50.0		78.8	38-112		6.88	20	
Dimethyl phthalate	39.3	5.00	"	50.0		78.6	49-106		6.11	20	
Di-n-butyl phthalate	40.4	5.00	"	50.0		80.8	36-110		5.94	20	
Di-n-octyl phthalate	34.6	5.00	"	50.0		69.1	12-149		5.17	20	
Fluoranthene	42.2	0.0500	"	50.0		84.4	33-126		6.84	20	
Fluorene	39.2	0.0500	"	50.0		78.3	28-117		8.63	20	
Hexachlorobenzene	45.8	0.0200	"	50.0		91.6	27-120		10.1	20	
Hexachlorobutadiene	41.3	0.500	"	50.0		82.6	25-106		9.27	20	
Hexachlorocyclopentadiene	27.3	5.00	"	50.0		54.6	10-99		17.3	20	
Hexachloroethane	27.4	0.500	"	50.0		54.9	33-84		6.24	20	
Indeno(1,2,3-cd)pyrene	46.7	0.0500	"	50.0		93.4	10-150		7.94	20	
Isophorone	28.3	5.00	"	50.0		56.6	29-115		9.44	20	
Naphthalene	35.3	0.0500	"	50.0		70.6	30-99		6.71	20	
Nitrobenzene	26.9	0.250	"	50.0		53.8	32-113		8.88	20	
N-Nitrosodimethylamine	11.1	0.500	"	50.0		22.2	10-63		6.60	20	
N-nitroso-di-n-propylamine	22.2	5.00	"	50.0		44.3	36-118		3.54	20	
N-Nitrosodiphenylamine	48.9	5.00	"	50.0		97.7	27-145		4.26	20	
Pentachlorophenol	39.3	0.250	"	50.0		78.7	19-127		11.0	20	
Phenanthrene	41.7	0.0500	"	50.0		83.4	31-112		8.03	20	
Phenol	9.83	5.00	"	50.0		19.7	10-37		9.26	20	
Pyrene	35.2	0.0500	"	50.0		70.3	42-125		5.46	20	
Surrogate: 2-Fluorophenol	*23.6*		"	*79.2*		*29.8*	*12-64*				
Surrogate: Phenol-d5	*13.4*		"	*77.3*		*17.3*	*10-82*				
Surrogate: Nitrobenzene-d5	*31.5*		"	*58.8*		*53.6*	*12-96*				
Surrogate: 2-Fluorobiphenyl	*33.8*		"	*52.2*		*64.8*	*16-84*				
Surrogate: 2,4,6-Tribromophenol	*90.3*		"	*76.6*		*118*	*15-104*				
Surrogate: Terphenyl-d14	*29.5*		"	*53.4*		*55.3*	*15-106*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC71084 - EPA SW846-3510C Low Level											
Blank (BC71084-BLK1)									Prepared: 03/24/2017 Analyzed: 03/25/2017		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0998*		*"*	*0.200*		*49.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.131*		*"*	*0.200*		*65.5*	*30-150*				
LCS (BC71084-BS1)									Prepared: 03/24/2017 Analyzed: 03/25/2017		
4,4'-DDD	0.0900	0.00400	ug/L	0.100		90.0	40-140				
4,4'-DDE	0.0777	0.00400	"	0.100		77.7	40-140				
4,4'-DDT	0.0858	0.00400	"	0.100		85.8	40-140				
Aldrin	0.0583	0.00400	"	0.100		58.3	40-140				
alpha-BHC	0.0686	0.00400	"	0.100		68.6	40-140				
alpha-Chlordane	0.0637	0.00400	"	0.100		63.7	40-140				
beta-BHC	0.0671	0.00400	"	0.100		67.1	40-140				
delta-BHC	0.0776	0.00400	"	0.100		77.6	40-140				
Dieldrin	0.0716	0.00200	"	0.100		71.6	40-140				
Endosulfan I	0.0687	0.00400	"	0.100		68.7	40-140				
Endosulfan II	0.0732	0.00400	"	0.100		73.2	40-140				
Endosulfan sulfate	0.0824	0.00400	"	0.100		82.4	40-140				
Endrin	0.0817	0.00400	"	0.100		81.7	40-140				
Endrin aldehyde	0.0855	0.0100	"	0.100		85.5	40-140				
Endrin ketone	0.107	0.0100	"	0.100		107	40-140				
gamma-BHC (Lindane)	0.0696	0.00400	"	0.100		69.6	40-140				
gamma-Chlordane	0.0633	0.0100	"	0.100		63.3	40-140				
Heptachlor	0.0598	0.00400	"	0.100		59.8	40-140				
Heptachlor epoxide	0.0680	0.00400	"	0.100		68.0	40-140				
Methoxychlor	0.106	0.00400	"	0.100		106	40-140				
Surrogate: Decachlorobiphenyl	*0.105*		*"*	*0.200*		*52.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.108*		*"*	*0.200*		*54.2*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC71084 - EPA SW846-3510C Low Level											
Blank (BC71084-BLK2)									Prepared: 03/24/2017 Analyzed: 03/27/2017		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.137*		*"*	*0.200*		*68.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.146*		*"*	*0.200*		*73.0*	*30-120*				
LCS (BC71084-BS2)									Prepared: 03/24/2017 Analyzed: 03/27/2017		
Aroclor 1016	1.07	0.0500	ug/L	1.00		107	40-120				
Aroclor 1260	1.11	0.0500	"	1.00		111	40-120				
Surrogate: Tetrachloro-m-xylene	*0.122*		*"*	*0.200*		*61.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.140*		*"*	*0.200*		*70.0*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70887 - EPA 3015A											
Blank (BC70887-BLK1)									Prepared & Analyzed: 03/21/2017		
Aluminum - Dissolved	ND	50.0	ug/L								
Barium - Dissolved	ND	10.0	"								
Calcium - Dissolved	ND	50.0	"								
Chromium - Dissolved	ND	5.00	"								
Copper - Dissolved	ND	3.00	"								
Iron - Dissolved	ND	20.0	"								
Lead - Dissolved	ND	3.00	"								
Magnesium - Dissolved	ND	50.0	"								
Manganese - Dissolved	ND	5.00	"								
Nickel - Dissolved	ND	5.00	"								
Potassium - Dissolved	ND	50.0	"								
Silver - Dissolved	ND	5.00	"								
Sodium - Dissolved	ND	100	"								
Vanadium - Dissolved	ND	10.0	"								
Zinc - Dissolved	ND	10.0	"								
Duplicate (BC70887-DUP2)	*Source sample: 17C0708-01 (MW06_031917)								Prepared & Analyzed: 03/21/2017		
Aluminum - Dissolved	ND	55.6	ug/L		ND					20	
Barium - Dissolved	362	11.1	"		351				3.06	20	
Calcium - Dissolved	142000	55.6	"		139000				2.32	20	
Chromium - Dissolved	ND	5.56	"		ND					20	
Copper - Dissolved	16.4	3.33	"		11.9				31.8	20	Non-dir.
Iron - Dissolved	24600	22.2	"		24200				1.62	20	
Lead - Dissolved	ND	3.33	"		ND					20	
Magnesium - Dissolved	67100	55.6	"		66100				1.57	20	
Manganese - Dissolved	1540	5.56	"		1520				1.31	20	
Nickel - Dissolved	17.4	5.56	"		17.1				1.93	20	
Potassium - Dissolved	24200	55.6	"		23800				1.52	20	
Silver - Dissolved	ND	5.56	"		ND					20	
Sodium - Dissolved	228000	111	"		223000				1.86	20	
Vanadium - Dissolved	ND	11.1	"		ND					20	
Zinc - Dissolved	29.0	11.1	"		25.3				13.5	20	

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 BC70887 - EPA 3015A											
Matrix Spike (BC70887-MS2)	*Source sample: 17C0708-01 (MW06_031917)							Prepared & Analyzed: 03/21/2017			
Barium - Dissolved	2790	11.1	ug/L	2220	351	110	75-125				
Chromium - Dissolved	230	5.56	"	222	ND	104	75-125				
Copper - Dissolved	335	3.33	"	278	11.9	116	75-125				
Iron - Dissolved	25600	22.2	"	1110	24200	119	75-125				
Lead - Dissolved	571	3.33	"	556	ND	103	75-125				
Manganese - Dissolved	2190	5.56	"	556	1520	120	75-125				
Nickel - Dissolved	632	5.56	"	556	17.1	111	75-125				
Silver - Dissolved	60.4	5.56	"	55.6	ND	109	75-125				
Vanadium - Dissolved	586	11.1	"	556	ND	105	75-125				
Zinc - Dissolved	607	11.1	"	556	25.3	105	75-125				
Reference (BC70887-SRM1)								Prepared & Analyzed: 03/21/2017			
Aluminum - Dissolved	0.977		ug/mL	0.889		110	81.4-117.2				
Barium - Dissolved	0.564		"	0.570		99.0	85-115				
Calcium - Dissolved	121		"	126		96.0	86.5-114.3				
Chromium - Dissolved	0.244		"	0.260		93.7	85-115				
Copper - Dissolved	0.456		"	0.420		109	85-115				
Iron - Dissolved	0.727		"	0.759		95.8	84.9-115				
Lead - Dissolved	0.133		"	0.140		94.9	85-115				
Magnesium - Dissolved	108		"	115		94.3	86.3-114.8				
Manganese - Dissolved	0.767		"	0.819		93.7	84.9-115				
Nickel - Dissolved	0.488		"	0.510		95.6	87-113.7				
Potassium - Dissolved	62.8		"	65.3		96.1	84.9-115				
Silver - Dissolved	0.481		"	0.510		94.4	85-115				
Sodium - Dissolved	155		"	161		96.1	85-115				
Vanadium - Dissolved	0.876		"	0.909		96.3	85-114.9				
Zinc - Dissolved	0.666		"	0.679		98.1	84.9-115				

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 BC70888 - EPA 3015A											
Blank (BC70888-BLK1)									Prepared & Analyzed: 03/21/2017		
Aluminum	ND	50.0	ug/L								
Barium	ND	10.0	"								
Calcium	ND	50.0	"								
Chromium	ND	5.00	"								
Copper	ND	3.00	"								
Iron	ND	20.0	"								
Lead	ND	3.00	"								
Magnesium	ND	50.0	"								
Manganese	ND	5.00	"								
Nickel	ND	5.00	"								
Potassium	ND	50.0	"								
Silver	ND	5.00	"								
Sodium	ND	100	"								
Vanadium	ND	10.0	"								
Zinc	ND	10.0	"								
Duplicate (BC70888-DUP1)	*Source sample: 17C0708-01 (MW06_031917)								Prepared & Analyzed: 03/21/2017		
Aluminum	10300	55.6	ug/L		10100				1.91	20	
Barium	507	11.1	"		495				2.42	20	
Calcium	168000	55.6	"		160000				4.70	20	
Chromium	15.2	5.56	"		15.2				0.510	20	
Copper	119	3.33	"		116				2.66	20	
Iron	40500	22.2	"		39700				1.99	20	
Lead	38.5	3.33	"		36.4				5.76	20	
Magnesium	74200	55.6	"		72500				2.23	20	
Manganese	1730	5.56	"		1700				1.39	20	
Nickel	127	5.56	"		125				2.21	20	
Potassium	28500	55.6	"		27800				2.34	20	
Silver	ND	5.56	"		ND					20	
Sodium	264000	111	"		256000				2.87	20	
Vanadium	18.8	11.1	"		18.3				2.47	20	
Zinc	61.1	11.1	"		61.3				0.439	20	

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 BC70888 - EPA 3015A											
Matrix Spike (BC70888-MS1)	*Source sample: 17C0708-01 (MW06_031917)							Prepared & Analyzed: 03/21/2017			
Barium	2860	11.1	ug/L	2220	495	107	75-125				
Chromium	239	5.56	"	222	15.2	101	75-125				
Copper	434	3.33	"	278	116	114	75-125				
Iron	40800	22.2	"	1110	39700	100	75-125				
Lead	597	3.33	"	556	36.4	101	75-125				
Manganese	2260	5.56	"	556	1700	100	75-125				
Nickel	727	5.56	"	556	125	108	75-125				
Silver	55.7	5.56	"	55.6	ND	100	75-125				
Vanadium	592	11.1	"	556	18.3	103	75-125				
Zinc	622	11.1	"	556	61.3	101	75-125				
Reference (BC70888-SRM1)								Prepared & Analyzed: 03/21/2017			
Aluminum	0.958		ug/mL	0.889		108	81.4-117.2				
Barium	0.588		"	0.570		103	85-115				
Calcium	125		"	126		99.2	86.5-114.3				
Chromium	0.256		"	0.260		98.5	85-115				
Copper	0.469		"	0.420		112	85-115				
Iron	0.708		"	0.759		93.3	84.9-115				
Lead	0.137		"	0.140		97.5	85-115				
Magnesium	112		"	115		97.8	86.3-114.8				
Manganese	0.804		"	0.819		98.2	84.9-115				
Nickel	0.512		"	0.510		100	87-113.7				
Potassium	65.4		"	65.3		100	84.9-115				
Silver	0.508		"	0.510		99.6	85-115				
Sodium	161		"	161		99.9	85-115				
Vanadium	0.925		"	0.909		102	85-114.9				
Zinc	0.656		"	0.679		96.6	84.9-115				

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 BC70965 - EPA 3015A											
Blank (BC70965-BLK1)											Prepared & Analyzed: 03/22/2017
Aluminum	ND	50.0	ug/L								
Barium	ND	10.0	"								
Calcium	ND	50.0	"								
Chromium	ND	5.00	"								
Copper	ND	3.00	"								
Iron	ND	20.0	"								
Lead	ND	3.00	"								
Magnesium	ND	50.0	"								
Manganese	ND	5.00	"								
Nickel	ND	5.00	"								
Potassium	ND	50.0	"								
Silver	ND	5.00	"								
Sodium	ND	100	"								
Vanadium	ND	10.0	"								
Zinc	ND	10.0	"								
Reference (BC70965-SRM1)											Prepared & Analyzed: 03/22/2017
Aluminum	0.971		ug/mL	0.889		109	81.4-117.2				
Barium	0.593		"	0.570		104	85-115				
Calcium	131		"	126		104	86.5-114.3				
Chromium	0.263		"	0.260		101	85-115				
Copper	0.390		"	0.420		92.9	85-115				
Iron	0.803		"	0.759		106	84.9-115				
Lead	0.139		"	0.140		99.6	85-115				
Magnesium	119		"	115		103	86.3-114.8				
Manganese	0.831		"	0.819		102	84.9-115				
Nickel	0.517		"	0.510		101	87-113.7				
Potassium	68.3		"	65.3		105	84.9-115				
Silver	0.529		"	0.510		104	85-115				
Sodium	166		"	161		103	85-115				
Vanadium	0.922		"	0.909		101	85-114.9				
Zinc	0.716		"	0.679		105	84.9-115				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70950 - EPA 3015A											
Blank (BC70950-BLK1)									Prepared & Analyzed: 03/22/2017		
Antimony	ND	1.00	ug/L								
Arsenic	ND	1.00	"								
Beryllium	ND	0.300	"								
Cadmium	ND	0.500	"								
Molybdenum	ND	1.00	"								
Selenium	ND	1.00	"								
Thallium	ND	1.00	"								
Duplicate (BC70950-DUP1)	*Source sample: 17C0708-01 (MW06_031917)								Prepared & Analyzed: 03/22/2017		
Antimony	ND	2.22	ug/L		ND					20	
Arsenic	8.13	2.22	"		7.58				7.07	20	
Beryllium	0.822	0.667	"		0.867				5.26	20	
Cadmium	ND	1.11	"		ND					20	
Molybdenum	2.89	2.22	"		2.78				3.92	20	
Selenium	6.91	2.22	"		6.78				1.95	20	
Thallium	ND	2.22	"		ND					20	
Matrix Spike (BC70950-MS1)	*Source sample: 17C0708-01 (MW06_031917)								Prepared & Analyzed: 03/22/2017		
Antimony	236	2.22	ug/L	222	ND	106	75-125				
Arsenic	128	2.22	"	111	7.58	109	75-125				
Beryllium	66.9	0.667	"	55.6	0.867	119	75-125				
Cadmium	54.3	1.11	"	55.6	ND	97.8	75-125				
Molybdenum	123	2.22	"	111	2.78	108	75-125				
Selenium	65.8	2.22	"	55.6	6.78	106	75-125				
Thallium	47.7	2.22	"	55.6	ND	85.8	75-125				
Reference (BC70950-SRM1)									Prepared & Analyzed: 03/22/2017		
Antimony	29.7	1.00	ug/L	29.1		102	70.1-129.8				
Arsenic	7.91	1.00	"	6.56		121	69.9-130				
Beryllium	4.23	0.300	"	4.07		104	85-114.9				
Cadmium	26.9	0.500	"	26.7		101	80.1-119.8				
Molybdenum	49.4	1.00	"	50.4		98.0	84.9-115				
Selenium	48.0	1.00	"	43.8		109	79.9-120				
Thallium	3.78	1.00	"	4.08		92.6	70-129.9				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70951 - EPA 3015A											
Blank (BC70951-BLK1)										Prepared & Analyzed: 03/22/2017	
Antimony - Dissolved	ND	1.00	ug/L								
Arsenic - Dissolved	ND	1.00	"								
Beryllium - Dissolved	ND	0.100	"								
Cadmium - Dissolved	ND	0.500	"								
Molybdenum - Dissolved	ND	1.00	"								
Selenium - Dissolved	ND	1.00	"								
Thallium - Dissolved	ND	1.00	"								
Duplicate (BC70951-DUP2)	*Source sample: 17C0708-01 (MW06_031917)									Prepared & Analyzed: 03/22/2017	
Antimony - Dissolved	ND	2.22	ug/L		ND					20	
Arsenic - Dissolved	5.20	2.22	"		5.13				1.29	20	
Beryllium - Dissolved	ND	0.222	"		ND					20	
Cadmium - Dissolved	ND	1.11	"		ND					20	
Molybdenum - Dissolved	2.38	2.22	"		2.31				2.84	20	
Selenium - Dissolved	8.00	2.22	"		9.33				15.4	20	
Thallium - Dissolved	ND	2.22	"		ND					20	
Matrix Spike (BC70951-MS2)	*Source sample: 17C0708-01 (MW06_031917)									Prepared & Analyzed: 03/22/2017	
Antimony - Dissolved	223	2.22	ug/L	222	ND	100	75-125				
Arsenic - Dissolved	116	2.22	"	111	5.13	99.5	75-125				
Beryllium - Dissolved	56.4	0.222	"	55.6	ND	101	75-125				
Cadmium - Dissolved	53.3	1.11	"	55.6	ND	95.9	75-125				
Molybdenum - Dissolved	121	2.22	"	111	2.31	107	75-125				
Selenium - Dissolved	64.6	2.22	"	55.6	9.33	99.5	75-125				
Thallium - Dissolved	47.1	2.22	"	55.6	ND	84.8	75-125				
Reference (BC70951-SRM1)										Prepared & Analyzed: 03/22/2017	
Antimony - Dissolved	29.9	1.00	ug/L	29.1		103	70.1-129.8				
Arsenic - Dissolved	7.80	1.00	"	6.56		119	69.9-130				
Beryllium - Dissolved	4.17	0.100	"	4.07		102	85-114.9				
Cadmium - Dissolved	27.2	0.500	"	26.7		102	80.1-119.8				
Molybdenum - Dissolved	50.6	1.00	"	50.4		100	84.9-115				
Selenium - Dissolved	48.0	1.00	"	43.8		110	79.9-120				
Thallium - Dissolved	3.68	1.00	"	4.08		90.2	70-129.9				

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 BC70863 - EPA 7473 water											
Blank (BC70863-BLK1)									Prepared: 03/21/2017 Analyzed: 03/22/2017		
Mercury - Dissolved	ND	0.20	ug/L								
Mercury	ND	0.20	"								
Duplicate (BC70863-DUP1)	*Source sample: 17C0708-01 (MW06_031917)								Prepared: 03/21/2017 Analyzed: 03/22/2017		
Mercury	ND	0.20	ug/L		ND					20	
Mercury - Dissolved	ND	0.20	"		ND					20	
Matrix Spike (BC70863-MS1)	*Source sample: 17C0708-01 (MW06_031917)								Prepared: 03/21/2017 Analyzed: 03/22/2017		
Mercury	0.00182		mg/kg	0.00200	ND	91.2	75-125				
Mercury - Dissolved	0.00196		mg/L	0.00200	ND	98.0	75-125				
Reference (BC70863-SRM1)									Prepared: 03/21/2017 Analyzed: 03/22/2017		
Mercury - Dissolved	0.0071750		mg/L	0.00740		97.0	70-130				
Mercury	0.00718		mg/kg	0.00740		97.0	70-130				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC70893 - Analysis Preparation											
Blank (BC70893-BLK1)								Prepared & Analyzed: 03/21/2017			
Chromium, Hexavalent	ND	10.0	ug/L								
LCS (BC70893-BS1)								Prepared & Analyzed: 03/21/2017			
Chromium, Hexavalent	544	10.0	ug/L	500		109	80-120				
Duplicate (BC70893-DUP1)	*Source sample: 17C0708-01 (MW06_031917)							Prepared & Analyzed: 03/21/2017			
Chromium, Hexavalent	54.0	10.0	ug/L		54.0				0.00	20	
Matrix Spike (BC70893-MS1)	*Source sample: 17C0708-01 (MW06_031917)							Prepared & Analyzed: 03/21/2017			
Chromium, Hexavalent	547	10.0	ug/L	500	54.0	98.6	75-125				
Batch BC71173 - Analysis Preparation											
Blank (BC71173-BLK1)								Prepared & Analyzed: 03/27/2017			
Cyanide, total	ND	10.0	ug/L								
LCS (BC71173-BS1)								Prepared & Analyzed: 03/27/2017			
Cyanide, total	184	10.0	ug/L	200		92.0	76.2-107				
Duplicate (BC71173-DUP1)	*Source sample: 17C0708-01 (MW06_031917)							Prepared & Analyzed: 03/27/2017			
Cyanide, total	ND	10.0	ug/L		ND					15	
Matrix Spike (BC71173-MS1)	*Source sample: 17C0708-01 (MW06_031917)							Prepared & Analyzed: 03/27/2017			
Cyanide, total	150	10.0	ug/L	200	ND	75.0	79-105	Low Bias			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17C0708-01	MW06_031917	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C0708-02	MW09_031917	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C0708-03	MW10_031917	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C0708-04	MW11_031917	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C0708-05	MW14_031917	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C0708-06	GWDUP01_031917	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C0708-07	GWTB01_031917	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17C0708-08	FB01_031917	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

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.
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.
M-RPD	Sample conc. <5 X reporting limit.
M-LSRD	Original sample conc <50 X reporting limit.
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.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
GC-SCu	This surrogate recovered below control limits due to extract clean-up required. The alternate surrogate, Decachlorobiphenyl is within control limits.
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.

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*	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. 170728

YOUR Information

Company: Langan Engineering
Address: 360 W 31st Street, NY, NY, 10001 8th Fl.
Phone No. 212 479 5400
Contact Person: Kim Pelcl
E-Mail Address: KPelcl@langan.com

Report To:

Company: "
Address: "
Phone No. "
Attention: "
E-Mail Address: "

Invoice To:

Company: "
Address: "
Phone No. "
Attention: "
E-Mail Address: "

YOUR Project ID

170362501

Purchase Order No.

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time

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

Report Type

- Summary Report 40
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package (X)
- NY ASP B Package ___
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel 40
- 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):

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)

Andrea Soler
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 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	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)
MW06_031917	3/19/17 12:35	GW	Part 375/TCL VOCs, SVOCs, PCBs, Pesticides and Part 375/TAL Total & Dissolved Metals	11
MW09_031917	3/19/17 14:45			
MW10_031917	3/19/17 15:35			
MW11_031917	3/19/17 16:35			
MW14_031917	3/19/17 11:05			
GWDup01_031917	3/19/17 12:45			
MS-GW01_031917	3/19/17 12:55			
MSD-GW01_031917	3/19/17 13:05			
TB GW01_031917	3/19/17	W	Part 375 VOCs	
FB01_031917	3/19/17 1500	W	PART 375/TCL VOCs, SVOCs, PCB, PESTICIDES, PART 375/TAL METALS (TOTAL)	

Comments
Metals include Cyanide + Hex Chromium

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: Kimberly Pelcl/Langan 3/20/17 1445 — Date/Time
Samples Relinquished By: ___ — Date/Time

Samples Received By: FedEx 3/20 2450 — Date/Time
Samples Received in LAB by: 3/20/17 1836 — Date/Time

Temperature on Receipt 3.1 °C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Del Col

Report Date: 08/01/2018
Client Project ID: 170362501
York Project (SDG) No.: 18G0816

Report Date: 08/01/2018
Client Project ID: 170362501
York Project (SDG) No.: 18G0816

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kimberly Del Col

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 July 18, 2018 and listed below. The project was identified as your project: **170362501**.

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
18G0816-01	MW15_071818	Water	07/18/2018	07/18/2018
18G0816-02	MW16_071818	Water	07/18/2018	07/18/2018
18G0816-03	MW17_071818	Water	07/18/2018	07/18/2018
18G0816-04	MW18_071818	Water	07/18/2018	07/18/2018
18G0816-05	DUP01_071818	Waste Water	07/18/2018	07/18/2018
18G0816-06	FB01_071818	Waste Water	07/18/2018	07/18/2018
18G0816-07	Trip Blank	Water	07/18/2018	07/18/2018

General Notes for York Project (SDG) No.: 18G0816

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: 08/01/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW15_071818 **York Sample ID:** 18G0816-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 11:30 am	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	**1,1,1-Trichloroethane**	**0.560**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	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	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	**1,1-Dichloroethane**	**1.64**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW15_071818 **York Sample ID:** 18G0816-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 11:30 am	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375 **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
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	**4-Methyl-2-pentanone**	**0.340**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**9.28**		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.480**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**2.55**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**21.6**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW15_071818 **York Sample ID:** 18G0816-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 11:30 am	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.420**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**63.6**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**7.48**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW15_071818 **York Sample ID:** 18G0816-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 11:30 am	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	**Vinyl Chloride**	**6.63**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	07/20/2018 07:30	07/20/2018 15:58	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*70-130*

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**0.0984**		mg/L	0.0500	1	EPA 300.0	07/19/2018 10:57	07/19/2018 10:57	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	07/19/2018 10:57	07/19/2018 10:57	TJD
							Certifications:	NELAC-NY10854,CTDOH,PADEP		

ortho-Phosphate as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ortho-Phosphate as P	ND		mg/L	0.100	1	EPA 300.0	07/19/2018 10:57	07/19/2018 10:57	TJD
							Certifications:	CTDOH,NJDEP,PADEP,NELAC-NY10854		

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**188**		mg/L	10.0	10	EPA 300.0	07/21/2018 07:07	07/21/2018 07:07	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Alkalinity, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Alkalinity, total	**350**		mg/L	2.0	1	SM 2320B	07/24/2018 09:55	07/25/2018 16:49	PAM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW15_071818 **York Sample ID:** 18G0816-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 11:30 am	07/18/2018

Ammonia Nitrogen as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	**Ammonia Nitrogen as N**	**0.468**		mg/L	0.0500	1	SM 4500-NH3 D	07/25/2018 08:57	07/25/2018 12:12	TJD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Biochemical Oxygen Demand (BOD) 5-Day

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Biochemical Oxygen Demand (BOD) (5-Day)	ND		mg/L	3.3	3.32	SM 5210 B	07/19/2018 09:25	07/24/2018 17:32	PAM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	**320**		mg/L	10	1	SM 5220 D	07/21/2018 03:29	07/21/2018 03:29	AA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**5.34**		mg/L	1.00	1	SM 5310C	07/25/2018 08:58	07/25/2018 15:48	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: MW16_071818 **York Sample ID:** 18G0816-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 10:30 am	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	**1,1,1-Trichloroethane**	**0.280**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	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	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	**1,1-Dichloroethane**	**0.790**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	**1,1-Dichloroethylene**	**9.25**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW16_071818 **York Sample ID:** 18G0816-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 10:30 am	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375 **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
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**3.78**		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.250**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**2.44**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**1930**	E	ug/L	2.00	5.00	10	EPA 8260C	07/23/2018 07:30	07/23/2018 16:01	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW16_071818 **York Sample ID:** 18G0816-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 10:30 am	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.360**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**90.1**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	**trans-1,2-Dichloroethylene**	**35.8**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**142**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW16_071818 **York Sample ID:** 18G0816-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 10:30 am	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	**Vinyl Chloride**	**1270**		ug/L	2.00	5.00	10	EPA 8260C	07/23/2018 07:30	07/23/2018 16:01	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*70-130*

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**5.63**		mg/L	0.0500	1	EPA 300.0	07/19/2018 11:16	07/19/2018 11:16	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	**Nitrite as N**	**1.94**		mg/L	0.0500	1	EPA 300.0	07/19/2018 11:16	07/19/2018 11:16	TJD
							Certifications:	NELAC-NY10854,CTDOH,PADEP		

ortho-Phosphate as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ortho-Phosphate as P	ND		mg/L	0.100	1	EPA 300.0	07/19/2018 11:16	07/19/2018 11:16	TJD
							Certifications:	CTDOH,NJDEP,PADEP,NELAC-NY10854		

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**642**		mg/L	20.0	20	EPA 300.0	07/21/2018 08:01	07/21/2018 08:01	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Alkalinity, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Alkalinity, total	**150**		mg/L	2.0	1	SM 2320B	07/24/2018 09:55	07/25/2018 16:49	PAM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW16_071818 **York Sample ID:** 18G0816-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 10:30 am	07/18/2018

Ammonia Nitrogen as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	**Ammonia Nitrogen as N**	**1.14**		mg/L	0.0500	1	SM 4500-NH3 D	07/25/2018 08:57	07/25/2018 12:12	TJD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Biochemical Oxygen Demand (BOD) 5-Day

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Biochemical Oxygen Demand (BOD) (5-Day)	ND		mg/L	10	9.96	SM 5210 B	07/19/2018 09:25	07/24/2018 17:32	PAM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	**170**		mg/L	10	1	SM 5220 D	07/21/2018 03:29	07/21/2018 03:29	AA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**5.43**		mg/L	1.00	1	SM 5310C	07/25/2018 08:58	07/25/2018 15:48	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: MW17_071818 **York Sample ID:** 18G0816-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 8:45 am	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	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	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	**1,1-Dichloroethane**	**2.76**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	**1,1-Dichloroethylene**	**0.580**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW17_071818 **York Sample ID:** 18G0816-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 8:45 am	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375 **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
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**2.66**		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**15.3**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW17_071818 **York Sample ID:** 18G0816-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 8:45 am	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.370**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**3.46**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**2.17**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW17_071818 **York Sample ID:** 18G0816-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 8:45 am	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	**Vinyl Chloride**	**15.4**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	07/20/2018 07:30	07/20/2018 16:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*70-130*

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0	07/19/2018 11:36	07/19/2018 11:36	Admin
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	07/19/2018 11:36	07/19/2018 11:36	Admin
							Certifications:	NELAC-NY10854,CTDOH,PADEP		

ortho-Phosphate as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ortho-Phosphate as P	ND		mg/L	0.100	1	EPA 300.0	07/19/2018 11:36	07/19/2018 11:36	Admin
							Certifications:	CTDOH,NJDEP,PADEP,NELAC-NY10854		

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**54.8**		mg/L	2.00	2	EPA 300.0	07/21/2018 08:19	07/21/2018 08:19	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Alkalinity, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Alkalinity, total	**520**		mg/L	2.0	1	SM 2320B	07/24/2018 09:55	07/25/2018 16:49	PAM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW17_071818 **York Sample ID:** 18G0816-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 8:45 am	07/18/2018

Ammonia Nitrogen as N

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	**Ammonia Nitrogen as N**	**0.939**		mg/L	0.0500	1	SM 4500-NH3 D	07/25/2018 08:57	07/25/2018 12:12	TJD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Biochemical Oxygen Demand (BOD) 5-Day

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Biochemical Oxygen Demand (BOD) (5-Day)	ND		mg/L	3.3	3.32	SM 5210 B	07/19/2018 09:25	07/24/2018 17:32	PAM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chemical Oxygen Demand (COD)

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	**48**		mg/L	10	1	SM 5220 D	07/21/2018 03:29	07/21/2018 03:29	AA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Organic Carbon

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**3.18**		mg/L	1.00	1	SM 5310C	07/25/2018 08:58	07/25/2018 15:48	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analyzed by: Con-Test Analytical Laboratory

PFAS in Water by EPA 537

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		

Sample Information

Client Sample ID: MW17_071818 **York Sample ID:** 18G0816-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 8:45 am	07/18/2018

Analyzed by: Con-Test Analytical Laboratory

PFAS in Water by EPA 537

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
	NMeFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
	NEtFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 08:45		

	Surrogate Recoveries	Result	Acceptance Range
	Surrogate: 13C-PFHxA	*%*	*70-130*
	Surrogate: 13C-PFDA	*%*	*70-130*
	Surrogate: d5-NEtFOSAA	*%*	*70-130*

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	See attached		ug/L	See attach	1	See attached Certifications:	07/18/2018 08:45		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*%*	*70-130*

Sample Information

Client Sample ID: **MW18_071818** **York Sample ID:** **18G0816-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 1:05 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	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	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	**1,1-Dichloroethane**	**0.250**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW18_071818 **York Sample ID:** 18G0816-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 1:05 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375 **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
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.34**		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**7.03**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW18_071818 **York Sample ID:** 18G0816-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 1:05 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.330**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**2.05**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**0.610**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW18_071818 **York Sample ID:** 18G0816-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 1:05 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	**Vinyl Chloride**	**3.53**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:24	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.6 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*70-130*

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	**Nitrate as N**	**2.56**		mg/L	0.0500	1	EPA 300.0	07/19/2018 11:55	07/19/2018 11:55	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	**Nitrite as N**	**0.888**		mg/L	0.0500	1	EPA 300.0	07/19/2018 11:55	07/19/2018 11:55	TJD
							Certifications:	NELAC-NY10854,CTDOH,PADEP		

ortho-Phosphate as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ortho-Phosphate as P	**0.251**		mg/L	0.100	1	EPA 300.0	07/19/2018 11:55	07/19/2018 11:55	TJD
							Certifications:	CTDOH,NJDEP,PADEP,NELAC-NY10854		

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**9.93**		mg/L	1.00	1	EPA 300.0	07/19/2018 11:55	07/19/2018 11:55	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Alkalinity, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Alkalinity, total	**450**		mg/L	2.0	1	SM 2320B	07/24/2018 09:55	07/25/2018 16:49	PAM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW18_071818 **York Sample ID:** 18G0816-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 1:05 pm	07/18/2018

Ammonia Nitrogen as N

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	**Ammonia Nitrogen as N**	**1.23**		mg/L	0.0500	1	SM 4500-NH3 D	07/25/2018 08:57	07/25/2018 12:12	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Biochemical Oxygen Demand (BOD) 5-Day

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Biochemical Oxygen Demand (BOD) (5-Day)	ND		mg/L	3.3	3.32	SM 5210 B	07/19/2018 09:25	07/24/2018 17:32	PAM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chemical Oxygen Demand (COD)

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	**85**		mg/L	10	1	SM 5220 D	07/21/2018 03:29	07/21/2018 03:29	AA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Organic Carbon

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**3.88**		mg/L	1.00	1	SM 5310C	07/25/2018 08:58	07/25/2018 15:48	AD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_071818 **York Sample ID:** 18G0816-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Waste Water	July 18, 2018 12:00 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	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	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	**1,1-Dichloroethane**	**4.02**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	**1,1-Dichloroethylene**	**1.86**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_071818 **York Sample ID:** 18G0816-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Waste Water	July 18, 2018 12:00 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375 **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
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**17.9**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_071818 **York Sample ID:** 18G0816-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Waste Water	July 18, 2018 12:00 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.380**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**5.78**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	**trans-1,2-Dichloroethylene**	**0.220**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**3.43**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_071818 **York Sample ID:** 18G0816-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Waste Water	July 18, 2018 12:00 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	**Vinyl Chloride**	**47.8**		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	07/20/2018 07:30	07/20/2018 17:53	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*70-130*

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0	07/19/2018 12:14	07/19/2018 12:14	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	07/19/2018 12:14	07/19/2018 12:14	TJD
							Certifications:	NELAC-NY10854,CTDOH,PADEP		

ortho-Phosphate as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ortho-Phosphate as P	ND		mg/L	0.100	1	EPA 300.0	07/19/2018 12:14	07/19/2018 12:14	TJD
							Certifications:	CTDOH,NJDEP,PADEP,NELAC-NY10854		

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	**Sulfate**	**51.8**		mg/L	2.00	2	EPA 300.0	07/21/2018 08:37	07/21/2018 08:37	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Alkalinity, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Alkalinity, total	**500**		mg/L	2.0	1	SM 2320B	07/24/2018 09:55	07/25/2018 16:49	PAM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_071818 **York Sample ID:** 18G0816-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Waste Water	July 18, 2018 12:00 pm	07/18/2018

Ammonia Nitrogen as N

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	**Ammonia Nitrogen as N**	**0.990**		mg/L	0.0500	1	SM 4500-NH3 D	07/25/2018 08:57	07/25/2018 12:12	TJD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Biochemical Oxygen Demand (BOD) 5-Day

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Biochemical Oxygen Demand (BOD) (5-Day)	ND		mg/L	3.3	3.32	SM 5210 B	07/19/2018 09:25	07/24/2018 17:32	PAM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chemical Oxygen Demand (COD)

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	**54**		mg/L	10	1	SM 5220 D	07/21/2018 03:29	07/21/2018 03:29	AA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Organic Carbon

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**3.45**		mg/L	1.00	1	SM 5310C	07/25/2018 08:58	07/25/2018 15:48	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analyzed by: Con-Test Analytical Laboratory

PFAS in Water by EPA 537

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		

Sample Information

Client Sample ID: DUP01_071818 **York Sample ID:** 18G0816-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Waste Water	July 18, 2018 12:00 pm	07/18/2018

Analyzed by: Con-Test Analytical Laboratory

PFAS in Water by EPA 537

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
	NMeFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
	NEtFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 12:00		

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 13C-PFHxA	*%*	*70-130*
Surrogate: 13C-PFDA	*%*	*70-130*
Surrogate: d5-NEtFOSAA	*%*	*70-130*

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	See attached		ug/L	See attach	1	See attached Certifications:	07/18/2018 12:00		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*%*	*70-130*

Sample Information

Client Sample ID: **FB01_071818** **York Sample ID:** **18G0816-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Waste Water	July 18, 2018 1:30 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	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	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_071818 **York Sample ID:** 18G0816-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Waste Water	July 18, 2018 1:30 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

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
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.87**		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_071818 **York Sample ID:** 18G0816-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Waste Water	July 18, 2018 1:30 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_071818 **York Sample ID:** 18G0816-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Waste Water	July 18, 2018 1:30 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:34	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.4 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*70-130*

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0	07/19/2018 12:34	07/19/2018 12:34	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	07/19/2018 12:34	07/19/2018 12:34	TJD
							Certifications:	NELAC-NY10854,CTDOH,PADEP		

ortho-Phosphate as P

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Ortho-Phosphate as P	ND		mg/L	0.100	1	EPA 300.0	07/19/2018 12:34	07/19/2018 12:34	TJD
							Certifications:	CTDOH,NJDEP,PADEP,NELAC-NY10854		

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0	07/19/2018 12:34	07/19/2018 12:34	TJD
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Alkalinity, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Alkalinity, total	ND		mg/L	2.0	1	SM 2320B	07/24/2018 09:55	07/25/2018 16:49	PAM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_071818 **York Sample ID:** 18G0816-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Waste Water	July 18, 2018 1:30 pm	07/18/2018

Ammonia Nitrogen as N

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7664-41-7	Ammonia Nitrogen as N	ND		mg/L	0.0500	1	SM 4500-NH3 D	07/25/2018 08:57	07/25/2018 12:12	TJD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Biochemical Oxygen Demand (BOD) 5-Day

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Biochemical Oxygen Demand (BOD) (5-Day)	ND		mg/L	2.5	2.49	SM 5210 B	07/19/2018 09:25	07/24/2018 17:32	PAM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Chemical Oxygen Demand (COD)

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	**23**		mg/L	10	1	SM 5220 D	07/21/2018 03:29	07/21/2018 03:29	AA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Organic Carbon

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**1.77**		mg/L	1.00	1	SM 5310C	07/25/2018 08:58	07/25/2018 15:48	AD
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analyzed by: Con-Test Analytical Laboratory

PFAS in Water by EPA 537

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Perfluoropentanoic acid (PFPeA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
375-73-5	Perfluorobutanesulfonic acid (PFBS)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
307-24-4	Perfluorohexanoic acid (PFHxA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
375-85-9	Perfluoroheptanoic acid (PFHpA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
335-67-1	Perfluorooctanoic acid (PFOA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		

Sample Information

Client Sample ID: FB01_071818 **York Sample ID:** 18G0816-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Waste Water	July 18, 2018 1:30 pm	07/18/2018

Analyzed by: Con-Test Analytical Laboratory

PFAS in Water by EPA 537

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	Perfluorononanoic acid (PFNA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
335-76-2	Perfluorodecanoic acid (PFDA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
	NMeFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
2058-94-8	Perfluoroundecanoic acid (PFUnA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
	NEtFOSAA	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
307-55-1	Perfluorododecanoic acid (PFDoA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		
376-06-7	Perfluorotetradecanoic acid (PFTA)	See attached		ng/L	See attach	1	See attached Certifications:	07/18/2018 13:30		

Surrogate Recoveries	Result	Acceptance Range
Surrogate: 13C-PFHxA	*%*	*70-130*
Surrogate: 13C-PFDA	*%*	*70-130*
Surrogate: d5-NEtFOSAA	*%*	*70-130*

Semi-Volatiles, 1,4-Dioxane by 8270-SIM (SUB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	See attached		ug/L	See attach	1	See attached Certifications:	07/18/2018 13:30		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*%*	*70-130*

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **18G0816-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 12:00 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	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	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **18G0816-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 12:00 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375 **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
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 18G0816-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 12:00 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **18G0816-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18G0816	170362501	Water	July 18, 2018 12:00 pm	07/18/2018

Volatiles, 8260 NJDEP/TCL/Part 375 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	07/20/2018 07:30	07/20/2018 13:05	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.4 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*70-130*

Analytical Batch Summary

Batch ID: BG80861 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18G0816-01	MW15_071818	07/19/18
18G0816-02	MW16_071818	07/19/18
18G0816-03	MW17_071818	07/19/18
18G0816-04	MW18_071818	07/19/18
18G0816-05	DUP01_071818	07/19/18
18G0816-06	FB01_071818	07/19/18
BG80861-BLK1	Blank	07/19/18

Batch ID: BG80907 **Preparation Method:** EPA 300 **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
18G0816-01	MW15_071818	07/19/18
18G0816-01	MW15_071818	07/19/18
18G0816-02	MW16_071818	07/19/18
18G0816-02	MW16_071818	07/19/18
18G0816-03	MW17_071818	07/19/18
18G0816-03	MW17_071818	07/19/18
18G0816-04	MW18_071818	07/19/18
18G0816-04	MW18_071818	07/19/18
18G0816-05	DUP01_071818	07/19/18
18G0816-05	DUP01_071818	07/19/18
18G0816-06	FB01_071818	07/19/18
18G0816-06	FB01_071818	07/19/18
BG80907-BLK1	Blank	07/19/18
BG80907-BS1	LCS	07/19/18

Batch ID: BG80924 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18G0816-01	MW15_071818	07/20/18
18G0816-02	MW16_071818	07/20/18
18G0816-03	MW17_071818	07/20/18
18G0816-04	MW18_071818	07/20/18
18G0816-05	DUP01_071818	07/20/18
18G0816-06	FB01_071818	07/20/18
18G0816-07	Trip Blank	07/20/18
BG80924-BLK1	Blank	07/20/18
BG80924-BS1	LCS	07/20/18
BG80924-BSD1	LCS Dup	07/20/18

Batch ID: BG80981 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
18G0816-01	MW15_071818	07/21/18

18G0816-02	MW16_071818	07/21/18
18G0816-03	MW17_071818	07/21/18
18G0816-04	MW18_071818	07/21/18
18G0816-05	DUP01_071818	07/21/18
18G0816-06	FB01_071818	07/21/18
BG80981-BLK1	Blank	07/21/18
BG80981-BS1	LCS	07/21/18
BG80981-DUP1	Duplicate	07/21/18
BG80981-MS1	Matrix Spike	07/21/18

Batch ID: BG80996 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18G0816-02RE1	MW16_071818	07/23/18
BG80996-BLK1	Blank	07/23/18
BG80996-BS1	LCS	07/23/18
BG80996-BSD1	LCS Dup	07/23/18

Batch ID: BG81049 **Preparation Method:** EPA 300 **Prepared By:** TJD

YORK Sample ID	Client Sample ID	Preparation Date
18G0816-01	MW15_071818	07/21/18
18G0816-02	MW16_071818	07/21/18
18G0816-03	MW17_071818	07/21/18
18G0816-05	DUP01_071818	07/21/18
BG81049-BLK1	Blank	07/21/18
BG81049-BS1	LCS	07/21/18

Batch ID: BG81087 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
18G0816-01	MW15_071818	07/24/18
18G0816-02	MW16_071818	07/24/18
18G0816-03	MW17_071818	07/24/18
18G0816-04	MW18_071818	07/24/18
18G0816-05	DUP01_071818	07/24/18
18G0816-06	FB01_071818	07/24/18
BG81087-SRM1	Reference	07/24/18

Batch ID: BG81149 **Preparation Method:** Analysis Preparation **Prepared By:** TJD

YORK Sample ID	Client Sample ID	Preparation Date
18G0816-01	MW15_071818	07/25/18
18G0816-02	MW16_071818	07/25/18
18G0816-03	MW17_071818	07/25/18
18G0816-04	MW18_071818	07/25/18
18G0816-05	DUP01_071818	07/25/18
18G0816-06	FB01_071818	07/25/18
BG81149-BLK1	Blank	07/25/18

BG81149-BS1	LCS	07/25/18
BG81149-DUP1	Duplicate	07/25/18
BG81149-MS1	Matrix Spike	07/25/18

Batch ID: BG81151 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
18G0816-01	MW15_071818	07/25/18
18G0816-02	MW16_071818	07/25/18
18G0816-03	MW17_071818	07/25/18
18G0816-04	MW18_071818	07/25/18
18G0816-05	DUP01_071818	07/25/18
18G0816-06	FB01_071818	07/25/18
BG81151-BLK1	Blank	07/25/18
BG81151-BS1	LCS	07/25/18
BG81151-DUP1	Duplicate	07/25/18
BG81151-MS1	Matrix Spike	07/25/18

Batch ID: See attached **Preparation Method:** Analysis Preparation **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
18G0816-03	MW17_071818	07/18/18
18G0816-03	MW17_071818	07/18/18
18G0816-05	DUP01_071818	07/18/18
18G0816-05	DUP01_071818	07/18/18
18G0816-06	FB01_071818	07/18/18
18G0816-06	FB01_071818	07/18/18

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 BG80924 - EPA 5030B											
Blank (BG80924-BLK1)											Prepared & Analyzed: 07/20/2018
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

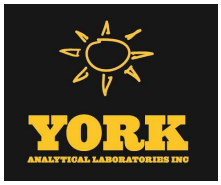
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG80924 - EPA 5030B											
Blank (BG80924-BLK1)								Prepared & Analyzed: 07/20/2018			
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*9.54*		*"*	*10.0*		*95.4*	*70-130*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*70-130*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*70-130*				
LCS (BG80924-BS1)								Prepared & Analyzed: 07/20/2018			
1,1,1,2-Tetrachloroethane	9.58		ug/L	10.0		95.8	82-126			30	
1,1,1-Trichloroethane	8.94		"	10.0		89.4	70-130			20	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	70-130			20	
1,1,2-Trichloroethane	8.84		"	10.0		88.4	70-130			20	
1,1-Dichloroethane	10.2		"	10.0		102	70-130			20	
1,1-Dichloroethylene	11.9		"	10.0		119	70-130			20	
1,2,3-Trichlorobenzene	9.00		"	10.0		90.0	70-130			20	
1,2,3-Trichloropropane	9.56		"	10.0		95.6	77-128			30	
1,2,4-Trichlorobenzene	9.69		"	10.0		96.9	70-130			20	
1,2,4-Trimethylbenzene	11.9		"	10.0		119	82-132			20	
1,2-Dibromo-3-chloropropane	8.34		"	10.0		83.4	40-160			20	
1,2-Dibromoethane	8.75		"	10.0		87.5	70-130			20	
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130			20	
1,2-Dichloroethane	8.46		"	10.0		84.6	70-130			20	
1,2-Dichloropropane	10.4		"	10.0		104	70-130			20	
1,3,5-Trimethylbenzene	11.8		"	10.0		118	80-131			30	
1,3-Dichlorobenzene	11.1		"	10.0		111	70-130			20	
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130			20	
1,4-Dioxane	109		"	210		51.7	40-160			20	
2-Butanone	7.28		"	10.0		72.8	40-160			20	
2-Hexanone	8.10		"	10.0		81.0	40-160			20	
4-Methyl-2-pentanone	8.93		"	10.0		89.3	40-160			20	
Acetone	6.31		"	10.0		63.1	40-160			20	
Acrolein	13.5		"	10.0		135	10-153			30	
Acrylonitrile	8.06		"	10.0		80.6	51-150			30	
Benzene	10.1		"	10.0		101	70-130			20	
Bromochloromethane	9.84		"	10.0		98.4	70-130			20	
Bromodichloromethane	9.12		"	10.0		91.2	70-130			20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG80924 - EPA 5030B											
LCS (BG80924-BS1)								Prepared & Analyzed: 07/20/2018			
Bromoform	7.46		ug/L	10.0		74.6	70-130			20	
Bromomethane	5.41		"	10.0		54.1	40-160			20	
Carbon disulfide	11.4		"	10.0		114	40-160			20	
Carbon tetrachloride	8.67		"	10.0		86.7	70-130			20	
Chlorobenzene	10.1		"	10.0		101	70-130			20	
Chloroethane	11.7		"	10.0		117	40-160			20	
Chloroform	9.16		"	10.0		91.6	70-130			20	
Chloromethane	9.71		"	10.0		97.1	40-160			20	
cis-1,2-Dichloroethylene	9.96		"	10.0		99.6	70-130			20	
cis-1,3-Dichloropropylene	9.83		"	10.0		98.3	70-130			20	
Cyclohexane	11.2		"	10.0		112	70-130			20	
Dibromochloromethane	8.60		"	10.0		86.0	70-130			20	
Dibromomethane	8.76		"	10.0		87.6	72-134			30	
Dichlorodifluoromethane	12.6		"	10.0		126	40-160			20	
Ethyl Benzene	11.2		"	10.0		112	70-130			20	
Hexachlorobutadiene	11.2		"	10.0		112	67-146			30	
Isopropylbenzene	12.1		"	10.0		121	70-130			20	
Methyl acetate	8.60		"	10.0		86.0	70-130			20	
Methyl tert-butyl ether (MTBE)	8.60		"	10.0		86.0	70-130			20	
Methylcyclohexane	11.2		"	10.0		112	70-130			20	
Methylene chloride	9.90		"	10.0		99.0	70-130			20	
n-Butylbenzene	10.8		"	10.0		108	79-132			30	
n-Propylbenzene	12.5		"	10.0		125	78-133			30	
o-Xylene	10.9		"	10.0		109	70-130			20	
p- & m- Xylenes	21.8		"	20.0		109	70-130			20	
p-Isopropyltoluene	12.4		"	10.0		124	81-136			30	
sec-Butylbenzene	12.8		"	10.0		128	79-137			30	
Styrene	10.3		"	10.0		103	70-130			20	
tert-Butyl alcohol (TBA)	23.9		"	50.0		47.7	25-162			30	
tert-Butylbenzene	11.7		"	10.0		117	77-138			30	
Tetrachloroethylene	8.05		"	10.0		80.5	70-130			20	
Toluene	10.8		"	10.0		108	70-130			20	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	70-130			20	
trans-1,3-Dichloropropylene	8.86		"	10.0		88.6	70-130			20	
Trichloroethylene	10.0		"	10.0		100	70-130			20	
Trichlorofluoromethane	9.22		"	10.0		92.2	40-160			20	
Vinyl Chloride	12.0		"	10.0		120	70-130			20	
Surrogate: 1,2-Dichloroethane-d4	*8.69*		*"*	*10.0*		*86.9*	*70-130*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*70-130*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*70-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG80924 - EPA 5030B											
LCS Dup (BG80924-BSD1)							Prepared & Analyzed: 07/20/2018				
1,1,1,2-Tetrachloroethane	9.85		ug/L	10.0		98.5	82-126		2.78	30	
1,1,1-Trichloroethane	9.28		"	10.0		92.8	70-130		3.73	20	
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	70-130		8.82	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	70-130		4.14	20	
1,1,2-Trichloroethane	9.57		"	10.0		95.7	70-130		7.93	20	
1,1-Dichloroethane	10.4		"	10.0		104	70-130		2.32	20	
1,1-Dichloroethylene	12.2		"	10.0		122	70-130		2.16	20	
1,2,3-Trichlorobenzene	9.75		"	10.0		97.5	70-130		8.00	20	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		9.18	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70-130		4.54	20	
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132		1.78	20	
1,2-Dibromo-3-chloropropane	9.23		"	10.0		92.3	40-160		10.1	20	
1,2-Dibromoethane	9.28		"	10.0		92.8	70-130		5.88	20	
1,2-Dichlorobenzene	10.3		"	10.0		103	70-130		1.57	20	
1,2-Dichloroethane	9.18		"	10.0		91.8	70-130		8.16	20	
1,2-Dichloropropane	10.7		"	10.0		107	70-130		2.65	20	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	80-131		2.22	30	
1,3-Dichlorobenzene	10.9		"	10.0		109	70-130		1.46	20	
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130		0.00	20	
1,4-Dioxane	149		"	210		71.1	40-160		31.6	20	Non-dir.
2-Butanone	8.69		"	10.0		86.9	40-160		17.7	20	
2-Hexanone	9.98		"	10.0		99.8	40-160		20.8	20	Non-dir.
4-Methyl-2-pentanone	10.5		"	10.0		105	40-160		16.3	20	
Acetone	7.87		"	10.0		78.7	40-160		22.0	20	Non-dir.
Acrolein	12.8		"	10.0		128	10-153		5.17	30	
Acrylonitrile	9.22		"	10.0		92.2	51-150		13.4	30	
Benzene	10.4		"	10.0		104	70-130		2.34	20	
Bromochloromethane	10.6		"	10.0		106	70-130		7.44	20	
Bromodichloromethane	9.48		"	10.0		94.8	70-130		3.87	20	
Bromoform	8.31		"	10.0		83.1	70-130		10.8	20	
Bromomethane	5.80		"	10.0		58.0	40-160		6.96	20	
Carbon disulfide	11.7		"	10.0		117	40-160		2.43	20	
Carbon tetrachloride	9.07		"	10.0		90.7	70-130		4.51	20	
Chlorobenzene	10.2		"	10.0		102	70-130		1.28	20	
Chloroethane	11.6		"	10.0		116	40-160		0.774	20	
Chloroform	9.48		"	10.0		94.8	70-130		3.43	20	
Chloromethane	9.72		"	10.0		97.2	40-160		0.103	20	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	70-130		2.18	20	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	70-130		4.38	20	
Cyclohexane	12.0		"	10.0		120	70-130		6.91	20	
Dibromochloromethane	9.32		"	10.0		93.2	70-130		8.04	20	
Dibromomethane	9.32		"	10.0		93.2	72-134		6.19	30	
Dichlorodifluoromethane	13.4		"	10.0		134	40-160		6.55	20	
Ethyl Benzene	11.2		"	10.0		112	70-130		0.00	20	
Hexachlorobutadiene	11.3		"	10.0		113	67-146		1.15	30	
Isopropylbenzene	11.9		"	10.0		119	70-130		1.83	20	
Methyl acetate	10.1		"	10.0		101	70-130		16.1	20	
Methyl tert-butyl ether (MTBE)	9.99		"	10.0		99.9	70-130		15.0	20	
Methylcyclohexane	11.6		"	10.0		116	70-130		3.35	20	
Methylene chloride	10.4		"	10.0		104	70-130		4.64	20	
n-Butylbenzene	11.8		"	10.0		118	79-132		8.57	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

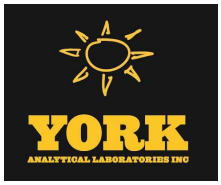
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG80924 - EPA 5030B											
LCS Dup (BG80924-BSD1)								Prepared & Analyzed: 07/20/2018			
n-Propylbenzene	12.2		ug/L	10.0		122	78-133		2.35	30	
o-Xylene	11.0		"	10.0		110	70-130		0.819	20	
p- & m- Xylenes	21.9		"	20.0		109	70-130		0.229	20	
p-Isopropyltoluene	12.2		"	10.0		122	81-136		2.27	30	
sec-Butylbenzene	12.5		"	10.0		125	79-137		1.66	30	
Styrene	10.4		"	10.0		104	70-130		1.74	20	
tert-Butyl alcohol (TBA)	33.5		"	50.0		67.0	25-162		33.7	30	Non-dir.
tert-Butylbenzene	11.5		"	10.0		115	77-138		2.07	30	
Tetrachloroethylene	8.14		"	10.0		81.4	70-130		1.11	20	
Toluene	10.8		"	10.0		108	70-130		0.370	20	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	70-130		1.97	20	
trans-1,3-Dichloropropylene	9.48		"	10.0		94.8	70-130		6.76	20	
Trichloroethylene	9.98		"	10.0		99.8	70-130		0.400	20	
Trichlorofluoromethane	9.63		"	10.0		96.3	40-160		4.35	20	
Vinyl Chloride	12.3		"	10.0		123	70-130		2.97	20	
Surrogate: 1,2-Dichloroethane-d4	*9.30*		*"*	*10.0*		*93.0*	*70-130*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*70-130*				
Surrogate: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*70-130*				
Batch BG80996 - EPA 5030B											
Blank (BG80996-BLK1)								Prepared & Analyzed: 07/23/2018			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG80996 - EPA 5030B											
Blank (BG80996-BLK1)											
Prepared & Analyzed: 07/23/2018											
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: 1,2-Dichloroethane-d4	*9.56*		*"*	*10.0*		*95.6*	*70-130*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*70-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG80996 - EPA 5030B											
LCS (BG80996-BS1)							Prepared & Analyzed: 07/23/2018				
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126			30	
1,1,1-Trichloroethane	9.73		"	10.0		97.3	70-130			20	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	70-130			20	
1,1,2-Trichloroethane	9.47		"	10.0		94.7	70-130			20	
1,1-Dichloroethane	10.9		"	10.0		109	70-130			20	
1,1-Dichloroethylene	12.9		"	10.0		129	70-130			20	
1,2,3-Trichlorobenzene	9.76		"	10.0		97.6	70-130			20	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128			30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70-130			20	
1,2,4-Trimethylbenzene	12.2		"	10.0		122	82-132			20	
1,2-Dibromo-3-chloropropane	9.16		"	10.0		91.6	40-160			20	
1,2-Dibromoethane	9.29		"	10.0		92.9	70-130			20	
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130			20	
1,2-Dichloroethane	9.11		"	10.0		91.1	70-130			20	
1,2-Dichloropropane	11.0		"	10.0		110	70-130			20	
1,3,5-Trimethylbenzene	12.2		"	10.0		122	80-131			30	
1,3-Dichlorobenzene	11.3		"	10.0		113	70-130			20	
1,4-Dichlorobenzene	10.3		"	10.0		103	70-130			20	
1,4-Dioxane	176		"	210		83.6	40-160			20	
2-Butanone	9.41		"	10.0		94.1	40-160			20	
2-Hexanone	10.3		"	10.0		103	40-160			20	
4-Methyl-2-pentanone	10.4		"	10.0		104	40-160			20	
Acetone	9.15		"	10.0		91.5	40-160			20	
Acrolein	14.3		"	10.0		143	10-153			30	
Acrylonitrile	9.07		"	10.0		90.7	51-150			30	
Benzene	10.8		"	10.0		108	70-130			20	
Bromochloromethane	10.6		"	10.0		106	70-130			20	
Bromodichloromethane	9.59		"	10.0		95.9	70-130			20	
Bromoform	8.20		"	10.0		82.0	70-130			20	
Bromomethane	7.16		"	10.0		71.6	40-160			20	
Carbon disulfide	12.3		"	10.0		123	40-160			20	
Carbon tetrachloride	9.56		"	10.0		95.6	70-130			20	
Chlorobenzene	10.5		"	10.0		105	70-130			20	
Chloroethane	12.2		"	10.0		122	40-160			20	
Chloroform	9.74		"	10.0		97.4	70-130			20	
Chloromethane	11.8		"	10.0		118	40-160			20	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	70-130			20	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	70-130			20	
Cyclohexane	12.5		"	10.0		125	70-130			20	
Dibromochloromethane	9.26		"	10.0		92.6	70-130			20	
Dibromomethane	9.26		"	10.0		92.6	72-134			30	
Dichlorodifluoromethane	14.8		"	10.0		148	40-160			20	
Ethyl Benzene	11.7		"	10.0		117	70-130			20	
Hexachlorobutadiene	11.6		"	10.0		116	67-146			30	
Isopropylbenzene	12.5		"	10.0		125	70-130			20	
Methyl acetate	10.1		"	10.0		101	70-130			20	
Methyl tert-butyl ether (MTBE)	9.82		"	10.0		98.2	70-130			20	
Methylcyclohexane	12.1		"	10.0		121	70-130			20	
Methylene chloride	10.7		"	10.0		107	70-130			20	
n-Butylbenzene	12.5		"	10.0		125	79-132			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 BG80996 - EPA 5030B											
LCS (BG80996-BS1)								Prepared & Analyzed: 07/23/2018			
n-Propylbenzene	12.8		ug/L	10.0		128	78-133			30	
o-Xylene	11.4		"	10.0		114	70-130			20	
p- & m- Xylenes	22.8		"	20.0		114	70-130			20	
p-Isopropyltoluene	12.8		"	10.0		128	81-136			30	
sec-Butylbenzene	13.2		"	10.0		132	79-137			30	
Styrene	10.7		"	10.0		107	70-130			20	
tert-Butyl alcohol (TBA)	43.0		"	50.0		86.1	25-162			30	
tert-Butylbenzene	12.1		"	10.0		121	77-138			30	
Tetrachloroethylene	8.71		"	10.0		87.1	70-130			20	
Toluene	11.3		"	10.0		113	70-130			20	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	70-130			20	
trans-1,3-Dichloropropylene	9.62		"	10.0		96.2	70-130			20	
Trichloroethylene	10.7		"	10.0		107	70-130			20	
Trichlorofluoromethane	10.0		"	10.0		100	40-160			20	
Vinyl Chloride	13.3		"	10.0		133	70-130	High Bias		20	
Surrogate: 1,2-Dichloroethane-d4	*9.06*		*"*	*10.0*		*90.6*	*70-130*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*70-130*				
LCS Dup (BG80996-BSD1)								Prepared & Analyzed: 07/23/2018			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		0.395	30	
1,1,1-Trichloroethane	9.12		"	10.0		91.2	70-130		6.47	20	
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	70-130		2.65	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.64		"	10.0		96.4	70-130		18.8	20	
1,1,2-Trichloroethane	9.79		"	10.0		97.9	70-130		3.32	20	
1,1-Dichloroethane	10.5		"	10.0		105	70-130		4.39	20	
1,1-Dichloroethylene	10.6		"	10.0		106	70-130		19.6	20	
1,2,3-Trichlorobenzene	9.85		"	10.0		98.5	70-130		0.918	20	
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128		3.68	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70-130		0.197	20	
1,2,4-Trimethylbenzene	11.6		"	10.0		116	82-132		4.71	20	
1,2-Dibromo-3-chloropropane	9.47		"	10.0		94.7	40-160		3.33	20	
1,2-Dibromoethane	9.73		"	10.0		97.3	70-130		4.63	20	
1,2-Dichlorobenzene	10.3		"	10.0		103	70-130		0.581	20	
1,2-Dichloroethane	9.41		"	10.0		94.1	70-130		3.24	20	
1,2-Dichloropropane	11.0		"	10.0		110	70-130		0.636	20	
1,3,5-Trimethylbenzene	11.4		"	10.0		114	80-131		6.01	30	
1,3-Dichlorobenzene	10.9		"	10.0		109	70-130		3.43	20	
1,4-Dichlorobenzene	10.3		"	10.0		103	70-130		0.194	20	
1,4-Dioxane	101		"	210		47.9	40-160		54.2	20	Non-dir.
2-Butanone	9.54		"	10.0		95.4	40-160		1.37	20	
2-Hexanone	10.8		"	10.0		108	40-160		5.30	20	
4-Methyl-2-pentanone	11.0		"	10.0		110	40-160		6.26	20	
Acetone	9.52		"	10.0		95.2	40-160		3.96	20	
Acrolein	13.2		"	10.0		132	10-153		8.35	30	
Acrylonitrile	9.53		"	10.0		95.3	51-150		4.95	30	
Benzene	10.4		"	10.0		104	70-130		3.29	20	
Bromochloromethane	10.7		"	10.0		107	70-130		1.78	20	
Bromodichloromethane	9.69		"	10.0		96.9	70-130		1.04	20	
Bromoform	8.58		"	10.0		85.8	70-130		4.53	20	
Bromomethane	6.87		"	10.0		68.7	40-160		4.13	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG80996 - EPA 5030B											
LCS Dup (BG80996-BSD1)								Prepared & Analyzed: 07/23/2018			
Carbon disulfide	11.5		ug/L	10.0		115	40-160		6.65	20	
Carbon tetrachloride	8.80		"	10.0		88.0	70-130		8.28	20	
Chlorobenzene	10.3		"	10.0		103	70-130		1.54	20	
Chloroethane	11.5		"	10.0		115	40-160		6.23	20	
Chloroform	9.54		"	10.0		95.4	70-130		2.07	20	
Chloromethane	11.1		"	10.0		111	40-160		6.13	20	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	70-130		2.31	20	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	70-130		1.80	20	
Cyclohexane	11.6		"	10.0		116	70-130		7.30	20	
Dibromochloromethane	9.57		"	10.0		95.7	70-130		3.29	20	
Dibromomethane	9.54		"	10.0		95.4	72-134		2.98	30	
Dichlorodifluoromethane	13.6		"	10.0		136	40-160		8.23	20	
Ethyl Benzene	11.2		"	10.0		112	70-130		4.90	20	
Hexachlorobutadiene	11.0		"	10.0		110	67-146		5.06	30	
Isopropylbenzene	11.6		"	10.0		116	70-130		7.72	20	
Methyl acetate	10.5		"	10.0		105	70-130		3.97	20	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	70-130		5.64	20	
Methylcyclohexane	11.4		"	10.0		114	70-130		5.86	20	
Methylene chloride	10.7		"	10.0		107	70-130		0.281	20	
n-Butylbenzene	11.3		"	10.0		113	79-132		10.1	30	
n-Propylbenzene	12.0		"	10.0		120	78-133		7.09	30	
o-Xylene	11.1		"	10.0		111	70-130		2.40	20	
p- & m- Xylenes	21.9		"	20.0		109	70-130		4.03	20	
p-Isopropyltoluene	11.9		"	10.0		119	81-136		6.80	30	
sec-Butylbenzene	12.2		"	10.0		122	79-137		7.40	30	
Styrene	10.5		"	10.0		105	70-130		1.51	20	
tert-Butyl alcohol (TBA)	37.1		"	50.0		74.1	25-162		14.9	30	
tert-Butylbenzene	11.2		"	10.0		112	77-138		7.45	30	
Tetrachloroethylene	8.08		"	10.0		80.8	70-130		7.50	20	
Toluene	10.9		"	10.0		109	70-130		3.70	20	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	70-130		6.32	20	
trans-1,3-Dichloropropylene	9.95		"	10.0		99.5	70-130		3.37	20	
Trichloroethylene	10.2		"	10.0		102	70-130		4.49	20	
Trichlorofluoromethane	9.21		"	10.0		92.1	40-160		8.52	20	
Vinyl Chloride	12.3		"	10.0		123	70-130		7.80	20	
Surrogate: 1,2-Dichloroethane-d4	*9.22*		*"*	*10.0*		*92.2*	*70-130*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*70-130*				

Anions by Ion Chromatography - 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 BG80907 - EPA 300											
Blank (BG80907-BLK1)								Prepared & Analyzed: 07/19/2018			
Nitrate as N	ND	0.0500	mg/L								
Nitrite as N	ND	0.0500	"								
Ortho-Phosphate as P	ND	0.100	"								
Sulfate	ND	1.00	"								
LCS (BG80907-BS1)								Prepared & Analyzed: 07/19/2018			
Nitrate as N	9.94	0.0500	mg/L	10.0		99.4	90-110				
Nitrite as N	9.89	0.0500	"	10.0		98.9	90-110				
Ortho-Phosphate as P	10.3	0.100	"	10.0		103	85-115				
Sulfate	10.1	1.00	"	10.0		101	85-115				
Batch BG81049 - EPA 300											
Blank (BG81049-BLK1)								Prepared & Analyzed: 07/21/2018			
Sulfate	ND	1.00	mg/L								
LCS (BG81049-BS1)								Prepared & Analyzed: 07/21/2018			
Sulfate	9.60	1.00	mg/L	10.0		96.0	85-115				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG80861 - Analysis Preparation											
Blank (BG80861-BLK1)									Prepared: 07/19/2018 Analyzed: 07/24/2018		
Biochemical Oxygen Demand (BOD) (5-Day)	ND	1.0	mg/L								
Batch BG80981 - Analysis Preparation											
Blank (BG80981-BLK1)									Prepared & Analyzed: 07/21/2018		
Chemical Oxygen Demand (COD)	ND	10	mg/L								
LCS (BG80981-BS1)									Prepared & Analyzed: 07/21/2018		
Chemical Oxygen Demand (COD)	97	10	mg/L	100		97.4	79-128				
Duplicate (BG80981-DUP1)	*Source sample: 18G0816-06 (FB01_071818)								Prepared & Analyzed: 07/21/2018		
Chemical Oxygen Demand (COD)	23	10	mg/L		23				0.00	20	
Matrix Spike (BG80981-MS1)	*Source sample: 18G0816-06 (FB01_071818)								Prepared & Analyzed: 07/21/2018		
Chemical Oxygen Demand (COD)	120	10	mg/L	100	23	99.2	73.3-123				
Batch BG81087 - Analysis Preparation											
Reference (BG81087-SRM1)									Prepared: 07/24/2018 Analyzed: 07/25/2018		
Alkalinity, total	76	2.0	mg/L	76.1		99.9	90.4-108				
Batch BG81149 - Analysis Preparation											
Blank (BG81149-BLK1)									Prepared & Analyzed: 07/25/2018		
Ammonia Nitrogen as N	ND	0.0500	mg/L								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG81149 - Analysis Preparation											
LCS (BG81149-BS1)								Prepared & Analyzed: 07/25/2018			
Ammonia Nitrogen as N	1.00	0.0500	mg/L	1.00		100	85-125				
Duplicate (BG81149-DUP1)	*Source sample: 18G0816-06 (FB01_071818)							Prepared & Analyzed: 07/25/2018			
Ammonia Nitrogen as N	ND	0.0500	mg/L		ND					15	
Matrix Spike (BG81149-MS1)	*Source sample: 18G0816-06 (FB01_071818)							Prepared & Analyzed: 07/25/2018			
Ammonia Nitrogen as N	8.82	0.0500	mg/L	10.0	ND	88.2	80-120				
Batch BG81151 - Analysis Preparation											
Blank (BG81151-BLK1)								Prepared & Analyzed: 07/25/2018			
Total Organic Carbon (TOC)	ND	1.00	mg/L								
LCS (BG81151-BS1)								Prepared & Analyzed: 07/25/2018			
Total Organic Carbon (TOC)	57.6	1.00	mg/L	57.8		99.7	79.5-125.1				
Duplicate (BG81151-DUP1)	*Source sample: 18G0816-01 (MW15_071818)							Prepared & Analyzed: 07/25/2018			
Total Organic Carbon (TOC)	5.47	1.00	mg/L		5.34				2.41	20	
Matrix Spike (BG81151-MS1)	*Source sample: 18G0816-01 (MW15_071818)							Prepared & Analyzed: 07/25/2018			
Total Organic Carbon (TOC)	23.2	1.00	mg/L	20.0	5.34	89.2	70-130				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18G0816-01	MW15_071818	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G0816-02	MW16_071818	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G0816-03	MW17_071818	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G0816-04	MW18_071818	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G0816-05	DUP01_071818	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G0816-06	FB01_071818	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G0816-07	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

See attach	See attached
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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 Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 18G0816

YOUR Information	Report To:	Invoice To:
Company: Langan Engineering	Company:	Company:
Address: 360 W 31st Street, Manhattan, NY	Address:	Address:
Phone.: 212-479-5400	Phone.:	Phone.:
Contact: Kim Del Col	Contact:	Contact:
E-mail: kdelcol@langan.com	E-mail:	E-mail:

YOUR Project Number: 170362501

YOUR Project Name: 335 Bond Street

YOUR PO#:

Turn-Around Time

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

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

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

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW15_071818	Water (GW)	7/18/18 / 11:30	VOCs, Nitrate, Nitrite, ammonia, sulfate, phosphate, TOC, COD, BOD, alkalinity	
MW16_071818	↓	7/18/18 / 10:30	VOCs, Nitrate, Nitrite, ammonia, sulfate, phosphate, TOC, COD, BOD, alkalinity	
MW17_071818		7/18/18 / 8:45	PFCs, VOCs, Nitrate, Nitrite, ammonia, sulfate, phosphate, TOC, COD, BOD, alkalinity / 1-4 Dioxane	
MW18_071818		7/18/18 / 13:05	VOCs, Nitrate, Nitrite, ammonia, sulfate, phosphate, TOC, COD, BOD, Alkalinity / 1-4 Dioxane	
DUP01_071818		7/18/18 / —	PFCs, VOCs, Nitrate, Nitrite, ammonia, sulfate, phosphate, TOC, COD, BOD, alkalinity	
FB01_071818	Water	7/18/18 / 13:30	PFCs, VOCs, Nitrate, Nitrite, ammonia, sulfate, phosphate, TOC, COD, BOD, alkalinity, 1-4, Dioxane	
Trip Blank	Water	—	VOCs	

Comments: ~~Analyze 1-4 Dioxane on MW17_071818~~ RT

Preservation: (check all that apply)
HCl ✓ MeOH ___ HNO_3 ___ H_2SO_4 ✓ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Kyle Twombly	7/18/18/14:25		7/18/18 2125		7/18/18 1901
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				TC Hubbard	7/18/18 1901

Temp. Received at Lab: 4.4 Degrees C

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 1, 2018

Richard August
York Analytical Labs
120 Research Drive
Stratford, CT 06615

Project Location: NY
Client Job Number:
Project Number: 18G0816
Laboratory Work Order Number: 18G0847

Enclosed are results of analyses for samples received by the laboratory on July 20, 2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kerry K. McGee
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

York Analytical Labs
120 Research Drive
Stratford, CT 06615
ATTN: Richard August

REPORT DATE: 8/1/2018

PURCHASE ORDER NUMBER: 18828

PROJECT NUMBER: 18G0816

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 18G0847

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: NY

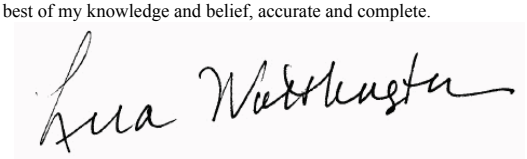
FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
18G0816-03	18G0847-01	Water		SOP 434-PFAAS	
				SW-846 8270D	
18G0816-05	18G0847-02	Water		SOP 434-PFAAS	
				SW-846 8270D	
18G0816-06	18G0847-03	Water		SOP 434-PFAAS	
				SW-846 8270D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Project Manager

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Project Location: NY | Sample Description: | Work Order: 18G0847

Date Received: 7/20/2018

Field Sample #: 18G0816-03 | Sampled: 7/18/2018 08:45

Sample ID: 18G0847-01

Sample Matrix: Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	2.8	0.20	µg/L	1		SW-846 8270D	7/24/18	7/30/18 13:19	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
1,4-Dioxane-d8	28.4	15-110				7/30/18 13:19	

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Project Location: NY | Sample Description: | Work Order: 18G0847

Date Received: 7/20/2018

Field Sample #: 18G0816-03 | Sampled: 7/18/2018 08:45

Sample ID: 18G0847-01

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluorohexanoic acid (PFHxA)	230	10	ng/L	5		SOP 434-PFAAS	7/27/18	7/31/18 10:37	KAF
Perfluoroheptanoic acid (PFHpA)	56	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluorobutanoic acid (PFBA)	43	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluorodecanesulfonic acid (PFDS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluorooctanesulfonamide (FOSA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluoropentanoic acid (PFPeA)	310	10	ng/L	5		SOP 434-PFAAS	7/27/18	7/31/18 10:37	KAF
6:2 Fluorotelomersulfonate (6:2 FTS)	34	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluorohexanesulfonic acid (PFHxS)	9.0	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluorooctanoic acid (PFOA)	99	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluorooctanesulfonic acid (PFOS)	33	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluorononanoic acid (PFNA)	11	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluorodecanoic acid (PFDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
NMeFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluoroundecanoic acid (PFUnA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
NEtFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluorododecanoic acid (PFDoA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluorotridecanoic acid (PFTrDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF
Perfluorotetradecanoic acid (PFTA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 11:49	KAF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C-PFHxA	101	70-130		7/30/18 11:49
13C-PFDA	89.6	70-130		7/30/18 11:49
d5-NEtFOSAA	73.0	70-130		7/30/18 11:49

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Project Location: NY | Sample Description: | Work Order: 18G0847

Date Received: 7/20/2018

Field Sample #: 18G0816-05 | Sampled: 7/18/2018 12:00

Sample ID: 18G0847-02

Sample Matrix: Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	2.8	0.20	µg/L	1		SW-846 8270D	7/24/18	7/30/18 13:39	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
1,4-Dioxane-d8	32.3	15-110					7/30/18 13:39

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Project Location: NY | Sample Description: | Work Order: 18G0847

Date Received: 7/20/2018

Field Sample #: 18G0816-05 | Sampled: 7/18/2018 12:00

Sample ID: 18G0847-02

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	6.2	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluorohexanoic acid (PFHxA)	240	10	ng/L	5		SOP 434-PFAAS	7/27/18	7/31/18 10:50	KAF
Perfluoroheptanoic acid (PFHpA)	51	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluorobutanoic acid (PFBA)	18	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluorodecanesulfonic acid (PFDS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluorooctanesulfonamide (FOSA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluoropentanoic acid (PFPeA)	340	10	ng/L	5		SOP 434-PFAAS	7/27/18	7/31/18 10:50	KAF
6:2 Fluorotelomersulfonate (6:2 FTS)	2.7	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluorohexanesulfonic acid (PFHxS)	8.6	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluorooctanoic acid (PFOA)	90	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluorooctanesulfonic acid (PFOS)	34	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluorononanoic acid (PFNA)	9.3	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluorodecanoic acid (PFDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
NMeFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluoroundecanoic acid (PFUnA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
NEtFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluorododecanoic acid (PFDoA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluorotridecanoic acid (PFTrDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF
Perfluorotetradecanoic acid (PFTA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:02	KAF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C-PFHxA	89.0	70-130		7/30/18 12:02
13C-PFDA	83.6	70-130		7/30/18 12:02
d5-NEtFOSAA	76.4	70-130		7/30/18 12:02

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Project Location: NY | Sample Description: | Work Order: 18G0847

Date Received: 7/20/2018

Field Sample #: 18G0816-06 | Sampled: 7/18/2018 13:30

Sample ID: 18G0847-03

Sample Matrix: Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.20	µg/L	1		SW-846 8270D	7/24/18	7/30/18 13:59	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,4-Dioxane-d8	23.8	15-110		7/30/18 13:59

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Project Location: NY | Sample Description: | Work Order: 18G0847

Date Received: 7/20/2018

Field Sample #: 18G0816-06 | Sampled: 7/18/2018 13:30

Sample ID: 18G0847-03

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluorohexanoic acid (PFHxA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluoroheptanoic acid (PFHpA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluorobutanoic acid (PFBA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluorodecanesulfonic acid (PFDS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluorooctanesulfonamide (FOSA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
6:2 Fluorotelomersulfonate (6:2 FTS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluorooctanoic acid (PFOA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluorononanoic acid (PFNA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluorodecanoic acid (PFDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
NMeFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluoroundecanoic acid (PFUnA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
NEtFOSAA	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluorododecanoic acid (PFDoA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluorotridecanoic acid (PFTrDA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF
Perfluorotetradecanoic acid (PFTA)	ND	2.0	ng/L	1		SOP 434-PFAAS	7/27/18	7/30/18 12:14	KAF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
13C-PFHxA	102	70-130		7/30/18 12:14
13C-PFDA	90.3	70-130		7/30/18 12:14
d5-NEtFOSAA	78.4	70-130		7/30/18 12:14

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Sample Extraction Data

Prep Method: EPA 537-SOP 434-PFAAS

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
18G0847-01 [18G0816-03]	B208624	250	1.00	07/27/18
18G0847-01RE1 [18G0816-03]	B208624	250	1.00	07/27/18
18G0847-02 [18G0816-05]	B208624	250	1.00	07/27/18
18G0847-02RE1 [18G0816-05]	B208624	250	1.00	07/27/18
18G0847-03 [18G0816-06]	B208624	250	1.00	07/27/18

Prep Method: SW-846 3510C-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
18G0847-01 [18G0816-03]	B208597	1000	1.00	07/24/18
18G0847-02 [18G0816-05]	B208597	1000	1.00	07/24/18
18G0847-03 [18G0816-06]	B208597	1000	1.00	07/24/18

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QUALITY CONTROL

1,4-Dioxane by isotope dilution GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B208597 - SW-846 3510C										
Blank (B208597-BLK1)				Prepared: 07/24/18 Analyzed: 07/30/18						
1,4-Dioxane	ND	0.20	µg/L							
Surrogate: 1,4-Dioxane-d8	*3.29*		µg/L	10.0		32.9	15-110			
LCS (B208597-BS1)				Prepared: 07/24/18 Analyzed: 07/30/18						
1,4-Dioxane	9.34	0.20	µg/L	10.0		93.4	40-140			
Surrogate: 1,4-Dioxane-d8	*3.92*		µg/L	10.0		39.2	15-110			
LCS Dup (B208597-BSD1)				Prepared: 07/24/18 Analyzed: 07/30/18						
1,4-Dioxane	10.1	0.20	µg/L	10.0		101	40-140	7.63	30	
Surrogate: 1,4-Dioxane-d8	*3.85*		µg/L	10.0		38.5	15-110			

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QUALITY CONTROL

Miscellaneous Organic Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B208624 - EPA 537										
Blank (B208624-BLK1)				Prepared: 07/27/18 Analyzed: 07/31/18						
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	2.0	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	2.0	ng/L							
Perfluorobutanoic acid (PFBA)	ND	2.0	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	2.0	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L							
Perfluorooctanesulfonamide (FOSA)	ND	2.0	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L							
6:2 Fluorotelomersulfonate (6:2 FTS)	ND	2.0	ng/L							
8:2 Fluorotelomersulfonate (8:2 FTS)	ND	2.0	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	ng/L							
Perfluorooctanoic acid (PFOA)	ND	2.0	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	ng/L							
Perfluorononanoic acid (PFNA)	ND	2.0	ng/L							
Perfluorodecanoic acid (PFDA)	ND	2.0	ng/L							
NMeFOSAA	ND	2.0	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	2.0	ng/L							
NEtFOSAA	ND	2.0	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	2.0	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	2.0	ng/L							
Perfluorotetradecanoic acid (PFTA)	ND	2.0	ng/L							
Surrogate: 13C-PFHxA	*46.6*		ng/L	40.0		117	70-130			
Surrogate: 13C-PFDA	*36.3*		ng/L	40.0		90.8	70-130			
Surrogate: d5-NEtFOSAA	*113*		ng/L	160		70.5	70-130			
LCS (B208624-BS1)				Prepared & Analyzed: 07/27/18						
Perfluorobutanesulfonic acid (PFBS)	18.6	2.0	ng/L	17.7		105	70-130			
Perfluorohexanoic acid (PFHxA)	22.6	2.0	ng/L	20.0		113	70-130			
Perfluoroheptanoic acid (PFHpA)	22.2	2.0	ng/L	20.0		111	70-130			
Perfluorobutanoic acid (PFBA)	6.13	2.0	ng/L	20.0		30.7	30-110			
Perfluorodecanesulfonic acid (PFDS)	13.6	2.0	ng/L	19.3		70.3	70-130			
Perfluoroheptanesulfonic acid (PFHpS)	19.2	2.0	ng/L	19.0		101	70-130			
Perfluorooctanesulfonamide (FOSA)	8.13	2.0	ng/L	20.0		40.7	30-110			
Perfluoropentanoic acid (PFPeA)	22.3	2.0	ng/L	20.0		111	70-130			
6:2 Fluorotelomersulfonate (6:2 FTS)	20.6	2.0	ng/L	19.0		108	70-130			
8:2 Fluorotelomersulfonate (8:2 FTS)	23.2	2.0	ng/L	19.2		121	70-130			
Perfluorohexanesulfonic acid (PFHxS)	16.4	2.0	ng/L	18.2		89.9	70-130			
Perfluorooctanoic acid (PFOA)	22.2	2.0	ng/L	20.0		111	70-130			
Perfluorooctanesulfonic acid (PFOS)	17.2	2.0	ng/L	18.5		93.1	70-130			
Perfluorononanoic acid (PFNA)	24.6	2.0	ng/L	20.0		123	70-130			
Perfluorodecanoic acid (PFDA)	19.5	2.0	ng/L	20.0		97.4	70-130			
NMeFOSAA	18.5	2.0	ng/L	20.0		92.7	70-130			
Perfluoroundecanoic acid (PFUnA)	17.8	2.0	ng/L	20.0		89.2	70-130			
NEtFOSAA	18.2	2.0	ng/L	20.0		90.9	70-130			
Perfluorododecanoic acid (PFDoA)	14.3	2.0	ng/L	20.0		71.5	70-130			
Perfluorotridecanoic acid (PFTrDA)	14.1	2.0	ng/L	20.0		70.3	70-130			
Perfluorotetradecanoic acid (PFTA)	14.1	2.0	ng/L	20.0		70.5	70-130			
Surrogate: 13C-PFHxA	*50.7*		ng/L	40.0		127	70-130			
Surrogate: 13C-PFDA	*41.8*		ng/L	40.0		105	70-130			
Surrogate: d5-NEtFOSAA	*134*		ng/L	160		83.9	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Water	
1,4-Dioxane	NY

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2019
RI	Rhode Island Department of Health	LAO00112	12/30/2018
NC	North Carolina Div. of Water Quality	652	12/31/2018
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2018
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2018
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

KKM

YORK

Analytical Laboratories, Inc.

1860848

1860847

7/19/2018

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 18G0816

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

SENDING LABORATORY:

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
Phone: 203.325.1371
Fax: 203.357.0166
Contact: **York Analytical**

RECEIVING LABORATORY:

Con-Test Analytical Laboratory
39 Spruce Street
East Long Meadow, MA 01028
Phone :(413) 525-2332
Fax: (413) 525-6405

Sample ID: 18G0816-03 **Matrix: Water** **Date Sampled : 07/18/2018 08:45**

Analysis Needed	Date Due	Holding Time Expires	Comments
Semi-Volatiles, 1,4-Dioxane by 82	08/02/2018 16:30	08/15/2018 08:45	
PFAS in Water by EPA 537	08/02/2018 16:30	08/01/2018 08:45	

Containers Supplied:

07_1000mL Amber Glass Cool to 4° C (E) 07_1000mL Amber Glass Cool to 4° C (F) 10_250mL Square Plastic Cool to 4° C (J)
10_250mL Square Plastic Cool to 4° C (K)

Sample ID: 18G0816-05 **Matrix: Water** **Date Sampled : 07/18/2018 12:00**

Analysis Needed	Date Due	Holding Time Expires	Comments
Semi-Volatiles, 1,4-Dioxane by 82	08/02/2018 16:30	08/15/2018 12:00	
PFAS in Water by EPA 537	08/02/2018 16:30	08/01/2018 12:00	

Containers Supplied:

07_1000mL Amber Glass Cool to 4° C (E) 07_1000mL Amber Glass Cool to 4° C (F) 10_250mL Square Plastic Cool to 4° C (J)
10_250mL Square Plastic Cool to 4° C (K)

York Purchase Order No.: 18828

Samples from State of: **NY**

Deliverables required: NYSDEC ASP B

EDDs required: NYSDEC

Data Pkg DUE: 08/03/2018

Chain-of-Custody Information

Tom Gabrielson	7/19/2018	7/20/18 6:10	
Released By York Sample Control	Date	Received By (SK)	Date
Received By	Date	3.0 7/20/18 1021 Received in Subcontract Lab By	Date

Relinquished by 7/21/18 10:21

YORK Analytical Laboratories, Inc. 18G0847 7/19/2018

SUBCONTRACT Notification, Purchase Order and Chain-of-Custody

York Project No.: 18G0816

This information is being sent to inform you that York intends to subcontract certain samples to another licensed laboratory for specific parameters that we cannot perform in-house. The specific paramters that will be subcontracted are detailed below. Do not contact the subcontract laboratory directly. Please contact the YORK project manager for further information.

Note: E-mail lab reports to: York_Lab_Report@yorklab.com **Mail/Fax Hard Copies to: York Analytical at the address below**

Sample ID: 18G0816-06 **Matrix: Water** **Date Sampled : 07/18/2018 13:30**

Analysis Needed	Date Due	Holding Time Expires	Comments
Semi-Volatiles, 1,4-Dioxane by 82'	08/02/2018 16:30	08/15/2018 13:30	
PFAS in Water by EPA 537	08/02/2018 16:30	08/01/2018 13:30	

Containers Supplied:

07_1000mL Amber Glass Cool to 4° C (E) 07_1000mL Amber Glass Cool to 4° C (F) 10_250mL Square Plastic Cool to 4° C (J)
10_250mL Square Plastic Cool to 4° C (K)

York Purchase Order No.: 18828

Deliverables required: NYSDEC ASP B

EDDs required: NYSDEC

Samples from State of: **NY**

Data Pkg DUE: 08/03/2018

Chain-of-Custody Information

Tom Gabrielson 7/19/2018

Released By York Sample Control Date Received By Date 7/20/18 6:10

Received By Date Received in Subcontract Lab By Date 7/20/18 1021

Relinquished by 7/20/18 1012

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client York Analytical

Received By ESO Date 7-20-18 Time 10:20

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

By Gun # 5 Actual Temp - 3.0

Were samples within Temperature? 2-6°C T By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T

Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? F MS/MSD? R

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? NA Acid _____ Base _____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	(3)4 6	1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic	(1)4 6	4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kim Nagotko

Report Date: 09/29/2022
Client Project ID: 170362501
York Project (SDG) No.: 22I1233

Report Date: 09/29/2022
Client Project ID: 170362501
York Project (SDG) No.: 22I1233

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Kim Nagotko

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 September 23, 2022 and listed below. The project was identified as your project: **170362501**.

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
22I1233-01	OS-SV01	Soil Vapor	09/23/2022	09/23/2022
22I1233-02	OS-SV02	Soil Vapor	09/23/2022	09/23/2022
22I1233-03	OS-AA01	Outdoor Ambient Ai	09/23/2022	09/23/2022

General Notes for York Project (SDG) No.: 22I1233

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:** 09/29/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **OS-SV01** **York Sample ID:** **22I1233-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I1233	170362501	Soil Vapor	September 23, 2022 12:01 pm	09/23/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.2	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**9.8**		ug/m³	1.7	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.2	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.4	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.7	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.3	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.31	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.3	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**5.7**		ug/m³	1.5	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.4	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.9	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.3	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.5	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.2	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**2.0**		ug/m³	1.5	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	**1,3-Butadiene**	**2.7**		ug/m³	2.1	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.9	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.5	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.9	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	2.3	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**16**		ug/m³	0.93	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: OS-SV01 **York Sample ID:** 22I1233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I1233	170362501	Soil Vapor	September 23, 2022 12:01 pm	09/23/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**20**		ug/m³	2.6	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	4.9	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**20**		ug/m³	1.3	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**120**		ug/m³	1.5	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	**Acrylonitrile**	**1.2**		ug/m³	0.68	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**11**		ug/m³	1.0	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.6	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	**Bromodichloromethane**	**2.1**		ug/m³	2.1	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	3.2	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	1.2	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**12**		ug/m³	0.98	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.49	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	1.4	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.83	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**19**		ug/m³	1.5	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.65	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	**cis-1,2-Dichloroethylene**	**0.87**		ug/m³	0.31	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.4	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**4.4**		ug/m³	1.1	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	2.7	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	1.6	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	2.3	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:			

Sample Information

Client Sample ID: **OS-SV01** **York Sample ID:** **22I1233-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I1233	170362501	Soil Vapor	September 23, 2022 12:01 pm	09/23/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**9.6**		ug/m³	1.4	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.4	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-63-0	**Isopropanol**	**5.7**		ug/m³	1.5	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
80-62-6	Methyl Methacrylate	ND		ug/m³	1.3	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.1	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-09-2	**Methylene chloride**	**3.6**		ug/m³	2.2	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
142-82-5	**n-Heptane**	**6.2**		ug/m³	1.3	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-54-3	**n-Hexane**	**5.0**		ug/m³	1.1	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**20**		ug/m³	1.4	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**37**		ug/m³	2.7	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**4.8**		ug/m³	1.5	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:			
115-07-1	*** Propylene**	**36**		ug/m³	0.54	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	1.3	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**810**		ug/m³	2.1	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	*** Tetrahydrofuran**	**3.4**		ug/m³	1.9	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:			
108-88-3	**Toluene**	**28**		ug/m³	1.2	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.2	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.4	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**4.2**		ug/m³	0.42	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.8	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ug/m³	1.1	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ug/m³	1.4	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: OS-SV01 **York Sample ID:** 22I1233-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I1233	170362501	Soil Vapor	September 23, 2022 12:01 pm	09/23/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.40	3.142	EPA TO-15	09/28/2022 04:05	09/29/2022 03:31	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: OS-SV02 **York Sample ID:** 22I1233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I1233	170362501	Soil Vapor	September 23, 2022 12:02 pm	09/23/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**5.6**		ug/m³	0.90	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.90	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.66	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	**1,1-Dichloroethylene**	**0.26**		ug/m³	0.16	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**5.3**		ug/m³	0.81	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.99	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.66	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.76	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**2.0**		ug/m³	0.81	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	**1,3-Butadiene**	**7.8**		ug/m³	1.1	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.99	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.76	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.99	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**11**		ug/m³	0.48	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	*** 2-Hexanone**	**20**		ug/m³	1.3	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:			

Sample Information

Client Sample ID: OS-SV02 **York Sample ID:** 22I1233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I1233	170362501	Soil Vapor	September 23, 2022 12:02 pm	09/23/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**26**		ug/m³	0.67	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**62**		ug/m³	0.78	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.36	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**47**		ug/m³	0.52	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.85	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.7	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.64	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**3.9**		ug/m³	0.51	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.26	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.76	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.43	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**3.5**		ug/m³	0.80	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.34	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.75	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**11**		ug/m³	0.57	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.3**		ug/m³	0.81	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:			
100-41-4	**Ethyl Benzene**	**4.8**		ug/m³	0.71	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: OS-SV02 **York Sample ID:** 22I1233-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I1233	170362501	Soil Vapor	September 23, 2022 12:02 pm	09/23/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**4.9**		ug/m³	0.81	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.67	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.59	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**21**		ug/m³	0.67	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**30**		ug/m³	0.58	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**7.6**		ug/m³	0.71	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**17**		ug/m³	1.4	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**4.3**		ug/m³	0.81	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:			
115-07-1	*** Propylene**	**40**		ug/m³	0.28	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.70	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**110**		ug/m³	1.1	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**21**		ug/m³	0.97	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:			
108-88-3	**Toluene**	**43**		ug/m³	0.62	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.65	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.75	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.22	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.8**		ug/m³	0.92	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.58	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.72	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.642	EPA TO-15	09/28/2022 04:05	09/29/2022 04:26	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **OS-SV02** **York Sample ID:** **22I1233-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I1233	170362501	Soil Vapor	September 23, 2022 12:02 pm	09/23/2022

Sample Information

Client Sample ID: OS-AA01 **York Sample ID:** 22I1233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I1233	170362501	Outdoor Ambient Air	September 23, 2022 12:03 pm	09/23/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.69	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.85**		ug/m³	0.77	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.67	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.47	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	0.73	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.66**		ug/m³	0.30	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	0.83	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:			

Sample Information

Client Sample ID: **OS-AA01** **York Sample ID:** **22I1233-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I1233	170362501	Outdoor Ambient Air	September 23, 2022 12:03 pm	09/23/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**0.58**		ug/m³	0.41	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**6.6**		ug/m³	0.48	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.22	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.90**		ug/m³	0.32	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.52	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.68	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.0	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.39	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.31	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.32**		ug/m³	0.16	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.47	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.27	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.49	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.7**		ug/m³	0.21	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.10	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.35**		ug/m³	0.35	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	0.86	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.50	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	0.73	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: OS-AA01 **York Sample ID:** 22I1233-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I1233	170362501	Outdoor Ambient Air	September 23, 2022 12:03 pm	09/23/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**7.5**		ug/m³	0.50	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	0.70	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.91**		ug/m³	0.41	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**0.78**		ug/m³	0.36	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**0.44**		ug/m³	0.44	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.1**		ug/m³	0.88	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.50	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:			
115-07-1	*** Propylene**	**1.1**		ug/m³	0.17	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.43	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**1.1**		ug/m³	0.69	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.60	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:			
108-88-3	**Toluene**	**42**		ug/m³	0.38	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.14	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.57	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.36	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.44	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.13	1.011	EPA TO-15	09/28/2022 04:05	09/29/2022 05:29	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **OS-AA01** **York Sample ID:** **22I1233-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22I1233	170362501	Outdoor Ambient Air	September 23, 2022 12:03 pm	09/23/2022

Analytical Batch Summary

Batch ID: BI21476 **Preparation Method:** EPA TO15 PREP **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
22I1233-01	OS-SV01	09/28/22
22I1233-02	OS-SV02	09/28/22
22I1233-03	OS-AA01	09/28/22
BI21476-BLK1	Blank	09/28/22
BI21476-BS1	LCS	09/28/22

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21476 - EPA TO15 PREP											
Blank (BI21476-BLK1) Blank									Prepared & Analyzed: 09/28/2022		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21476 - EPA TO15 PREP											
Blank (BI21476-BLK1) Blank								Prepared & Analyzed: 09/28/2022			
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BI21476-BS1) LCS								Prepared & Analyzed: 09/28/2022			
1,1,1,2-Tetrachloroethane	9.21		ppbv	10.0		92.1	70-130				
1,1,1-Trichloroethane	8.18		"	10.0		81.8	70-130				
1,1,2,2-Tetrachloroethane	9.25		"	10.0		92.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.71		"	10.0		97.1	70-130				
1,1,2-Trichloroethane	10.1		"	10.0		101	70-130				
1,1-Dichloroethane	9.67		"	10.0		96.7	70-130				
1,1-Dichloroethylene	8.21		"	10.0		82.1	70-130				
1,2,4-Trichlorobenzene	6.00		"	10.0		60.0	70-130	Low Bias			
1,2,4-Trimethylbenzene	7.64		"	10.0		76.4	70-130				
1,2-Dibromoethane	9.63		"	10.0		96.3	70-130				
1,2-Dichlorobenzene	8.05		"	10.0		80.5	70-130				
1,2-Dichloroethane	7.80		"	10.0		78.0	70-130				
1,2-Dichloropropane	10.5		"	10.0		105	70-130				
1,2-Dichlorotetrafluoroethane	10.0		"	10.0		100	70-130				
1,3,5-Trimethylbenzene	7.64		"	10.0		76.4	70-130				
1,3-Butadiene	11.6		"	10.0		116	70-130				
1,3-Dichlorobenzene	8.35		"	10.0		83.5	70-130				
1,3-Dichloropropane	9.75		"	10.0		97.5	70-130				
1,4-Dichlorobenzene	8.19		"	10.0		81.9	70-130				
1,4-Dioxane	9.57		"	10.0		95.7	70-130				
2-Butanone	8.90		"	10.0		89.0	70-130				
2-Hexanone	9.76		"	10.0		97.6	70-130				
3-Chloropropene	10.3		"	10.0		103	70-130				
4-Methyl-2-pentanone	8.75		"	10.0		87.5	70-130				
Acetone	9.27		"	10.0		92.7	70-130				
Acrylonitrile	9.80		"	10.0		98.0	70-130				
Benzene	9.71		"	10.0		97.1	70-130				
Benzyl chloride	9.24		"	10.0		92.4	70-130				
Bromodichloromethane	9.09		"	10.0		90.9	70-130				
Bromoform	9.52		"	10.0		95.2	70-130				
Bromomethane	8.04		"	10.0		80.4	70-130				
Carbon disulfide	10.0		"	10.0		100	70-130				
Carbon tetrachloride	8.70		"	10.0		87.0	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21476 - EPA TO15 PREP											
LCS (BI21476-BS1) LCS								Prepared & Analyzed: 09/28/2022			
Chlorobenzene	8.64		ppbv	10.0		86.4	70-130				
Chloroethane	7.72		"	10.0		77.2	70-130				
Chloroform	8.89		"	10.0		88.9	70-130				
Chloromethane	12.5		"	10.0		125	70-130				
cis-1,2-Dichloroethylene	8.07		"	10.0		80.7	70-130				
cis-1,3-Dichloropropylene	10.0		"	10.0		100	70-130				
Cyclohexane	11.1		"	10.0		111	70-130				
Dibromochloromethane	10.1		"	10.0		101	70-130				
Dichlorodifluoromethane	8.50		"	10.0		85.0	70-130				
Ethyl acetate	9.69		"	10.0		96.9	70-130				
Ethyl Benzene	8.60		"	10.0		86.0	70-130				
Hexachlorobutadiene	10.0		"	10.0		100	70-130				
Isopropanol	8.26		"	10.0		82.6	70-130				
Methyl Methacrylate	10.2		"	10.0		102	70-130				
Methyl tert-butyl ether (MTBE)	8.82		"	10.0		88.2	70-130				
Methylene chloride	8.54		"	10.0		85.4	70-130				
n-Heptane	10.6		"	10.0		106	70-130				
n-Hexane	10.8		"	10.0		108	70-130				
o-Xylene	8.37		"	10.0		83.7	70-130				
p- & m- Xylenes	16.4		"	20.0		82.0	70-130				
p-Ethyltoluene	8.54		"	10.0		85.4	70-130				
Propylene	11.0		"	10.0		110	70-130				
Styrene	9.08		"	10.0		90.8	70-130				
Tetrachloroethylene	9.83		"	10.0		98.3	70-130				
Tetrahydrofuran	10.1		"	10.0		101	70-130				
Toluene	9.32		"	10.0		93.2	70-130				
trans-1,2-Dichloroethylene	9.26		"	10.0		92.6	70-130				
trans-1,3-Dichloropropylene	9.32		"	10.0		93.2	70-130				
Trichloroethylene	8.31		"	10.0		83.1	70-130				
Trichlorofluoromethane (Freon 11)	8.23		"	10.0		82.3	70-130				
Vinyl acetate	11.3		"	10.0		113	70-130				
Vinyl bromide	10.2		"	10.0		102	70-130				
Vinyl Chloride	12.3		"	10.0		123	70-130				

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.

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 - AIR

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

YORK Project No. 22I1233

YOUR Information	Report To:	Invoice To:
Company: Langan	Company: Langan	Company: Langan
Address: 360 W 31st St NY, NY 10001	Address:	Address:
Phone: 330-806-0056	Phone: 212-479-5499	Phone:
Contact: Tom Herold	Contact: Tom Herold and Kim Nagotko	Contact:
E-mail: therold@langan.com	E-mail: Knagotko@langan.com	E-mail:

YOUR Project Number: 170362501

YOUR Project Name: 335 Bond St

YOUR PO#:

Turn-Around Time

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

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

Please cc datamanagement@langan.com

Samples Collected by: (print your name above and sign below)
Tom Herold

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

Samples From
- New York: X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual X

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
OS-SV01	9/23/2022 12:01	AS	-30	-8	37009	6872	VOCs TO-15
OS-SV02	9/23/2022 12:02	AS	-30	-6	34500	6861	↓
OS-AA01	9/23/2022 12:03	AO	-30	-8	10091	7085	↓

Comments:

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

Sampling Media
- 6 Liter Canister: X
- Tedlar Bag:

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Tom Herold / Langan	9/23/2022 12:35	Andrew S. York	9/23/22 12:35	Andrew S. York	9/23/22
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[illegible]	9/23/22 21:14

APPENDIX I

DER-10 Appendix 3C

Appendix 3C Fish and Wildlife Resources Impact Analysis Decision Key		If YES Go to:	If NO Go to:
1.	Is the site or area of concern a discharge or spill event?	13	(2)
2.	Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas.	13	(3)
3.	Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?	(4)	9
4.	Does the site contain habitat of an endangered, threatened or special concern species?	Section 3.10.1	(5)
5.	Has the contamination gone off-site?	(6)	14
6.	Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination?	7	(14)
7.	Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances?	Section 3.10.1	8
8.	Does contamination exist at concentrations that could exceed ecological impact SCGs or be toxic to aquatic life if discharged to surface water?	Section 3.10.1	14
9.	Does the site or any adjacent or downgradient property contain any of the following resources? i. Any endangered, threatened or special concern species or rare plants or their habitat ii. Any DEC designated significant habitats or rare NYS Ecological Communities iii. Tidal or freshwater wetlands iv. Stream, creek or river v. Pond, lake, lagoon vi. Drainage ditch or channel vii. Other surface water feature viii. Other marine or freshwater habitat ix. Forest x. Grassland or grassy field xi. Parkland or woodland xii. Shrubby area xiii. Urban wildlife habitat xiv. Other terrestrial habitat	11	10
10.	Is the lack of resources due to the contamination?	3.10.1	14
11.	Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources?	14	12
12.	Does the site have widespread surface soil contamination that is not confined under and around buildings or paved areas?	Section 3.10.1	12
13.	Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact DEC for information regarding endangered species.)	Section 3.10.1	14
14.	No Fish and Wildlife Resources Impact Analysis needed.	X	