



Supplemental Attachment B

**Section IV - Property's Environmental
History**

Question 1 - Phase II ESA Activities

Phase II Environmental Site Assessment

Grandview Estates

74 Fruitledge Road

Brookville, New York 11545

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1.0

Introduction

VHB has prepared this report to document the results of a Phase II Environmental Site Assessment (ESA) conducted between December 5, 2018 and December 26, 2018 in connection with a recreational property located on the east side of Fruitledge Road, between Glenby Lane and Cedar Swamp Road, in the Village of Brookville, Town of Oyster Bay, Nassau County, State of New York (hereinafter referred to as the “subject property”). The subject property is identified on the Nassau County Land and Tax Maps as Section 16 - Block C - Lots 359, 386A, 386D and 386E, and by the street address of 74 Fruitledge Road. A site location map is contained in Attachment A as Figure 1.

The subject property is currently operating as the Grandview Estates, which features an 18-hole golf course (including man-made water features), an Olympic-size swimming pool and six (6) tennis courts. Other amenities are also provided within the existing buildings on the site, which include a main clubhouse, a tennis clubhouse/pro-shop, a poolside snack bar and a halfway house. There are additional accessory structures on the site, such as a greenhouse, starter booth, parking kiosk, mechanic shop, maintenance warehouse, facilities shop, seasonal employee housing, pump house, poolside and on-course bathroom facilities, golf cart storage building and maintenance sheds. While the existing ground cover of the site is predominantly pervious landscaping, the club features associated site improvements including walkways, drive aisles, golf cart paths and a ± 2.50-acre parking lot.

VHB prepared a Phase I ESA for the subject property, dated October 15, 2018. Based on a review of municipal records, historical Sanborn maps, aerial photographs, site reconnaissance and personnel interviews conducted during the completion of the aforementioned Phase I ESA, VHB was able to establish a history of the subject property dating back to 1938 when the subject property was improved with a sprawling large manor house on northern portions and agricultural fields to the south. An aerial photograph from 1953 depicts the former estate building in rubbles and woodlands along the eastern and southern perimeter as cleared. The country club was established in the 1960s when the former estate house was replaced with a

succession of clubhouses in its place. Furthermore, the southern portions were converted to an eighteen-hole golf course and storage/ warehouse, parking lot, an outdoor pool, adjacent cabanas and snack bar/ pool-side restrooms were constructed on northern portions in the 1960s. The original clubhouse burnt down, and the existing structure was constructed circa 1974. Renovations of the facilities including the golf course and its hazards were completed by 1999. An additional warehouse structure was constructed at the northern extent beyond the tennis courts by 2006. Further renovations of the clubhouse facility were completed in 2007 and a wireless communication facility was installed on the rooftop in 2011. An additional carrier co-located their equipment at the subject property in 2017.

Based on the results of VHB's October 15, 2018 Phase I ESA, several environmental concerns were identified in connection with the subject property historical site usage for agricultural purposes and as a golf course/ country club. Accordingly, the subsequent Phase II ESA investigation activities address the following:

- Performing a geophysical survey and calling in a public utility mark-out to identify subgrade structures, utilities and anomalies.
- Sampling potentially impacted underground injection control (UIC) structures that may warrant remedial action.
- Potential impacts related to various former and existing underground storage tanks (USTs) and associated dispensers.
- Potentially impacted surficial surfaces throughout the subject property due to the likely historical on-site use of pesticides and herbicides.

VHB developed and implemented a sampling plan at the subject property to address typical due diligence-related concerns and anticipated requirements in a future redevelopment and/or subdivision scenario. The field activities, along with sample results are provided in the following sections of this Phase II ESA.

2.0

Site Investigation

2.1 Geophysical Survey

In order to identify and delineate existing on-site subsurface structures, as well as clear sampling locations in preparation for bottom sediment and soil sampling, X-Ray Locating Service, Inc. (X-Ray) conducted a geophysical survey with direction provided by VHB personnel and in conjunction with visual inspection. X-Ray conducted the investigation on December 5, 6 and 26, 2018 utilizing typical geophysical survey equipment (i.e., magnetometer, ground-penetrating radar [GPR], radio frequency [RF] line tracers and fiber-optic cameras) to identify the locations of subgrade site features. The investigation was focused on identifying subgrade leaching structures and USTs. Identified site features are depicted on Figures 2A through 2E in Attachment A of this Phase II ESA. Based upon review of available records as well as the results of the visual and geophysical survey, the following structures were identified and/or confirmed during the Phase II ESA:

Existing Petroleum USTs

- One (1) previously unknown 550-gallon fuel oil UST adjacent to the eastern wall of the existing mechanic shop.
- One (1) decommissioned in-place 10,000-gallon fuel oil UST within a landscaped area adjacent to a loading ramp and proximate to the existing furnace room.
- One (1) active 1,000-gallon gasoline UST proximate to the existing mechanic shop building adjacent to and in connection with one (1) in-service gasoline dispenser.
- Two (2) active hydraulic piston lifts with subgrade piping and presumably subgrade reservoirs within the existing mechanic shop.
- One (1) noted 1,000-gallon (or greater) capacity propane UST proximate the northeast portions of the existing clubhouse.

Former Petroleum USTs

- Two (2) potential heating oil tank graves in association with the former superintendents stand-alone dwelling and the facilities shop with dormitories above.



- One (1) potential gasoline tank grave proximate the location of the existing dispenser adjacent the mechanic shop and formerly in connection with a previous dispenser near the location of the existing in-use dispenser.

Geophysical Anomalies

- Three (3) irregular- shaped anomalies identified at exterior locations proximate building on northern portions of the subject property, and determined to be buried construction debris (i.e., concrete, corrugated metal, etc.)
- One (1) pitched approximately four-inch diameter suspected clay piping surfacing at-grade, covered by a single cobble in a grassy area between the outside pool and clubhouse (destination not identified).

On-site Wells

- One (1) evidently abandoned former well structure cut at-grade with remnant brick casing located adjacent to the west of the existing pool-side snack bar (there is potential that this structure was only ever decorative and not functional).
- One (1) existing supply well servicing the golf course sprinkler system situated subgrade in a vault on southern portions of the subject property which also features an abandoned underground water tank and in-service pressure tank.

Existing UIC Structures

- Six (6) cesspools identified in association with stand-alone dwelling, the mechanic shop, the main clubhouse/facilities shop with dormitory above, the half-way house and the two on-course bathroom facilities.
- Four (4) exterior stormwater drywells situated in asphalt-paved areas identified surrounding the existing clubhouse.
- Two (2) subgrade drywells identified to the west and south of the existing clubhouse were determined to be interconnected with at-grade structures.
- Three (3) floor drains/ interior drywells identified within interior portions of the existing mechanic shop.
- Two (2) curb-side storm drains identified proximate the entrance of the subject property to the north of the existing clubhouse.
- One (1) catch basin identified between portions of the main driveway and existing parking lot.
- Numerous makeshift drywells identified throughout the golf course typically constructed either of a short section of vertical corrugated piping or a small volume of gravel beneath at-grade slotted drain covers.
- Several interior small diameter piped floor drains within the lower level of the main clubhouse including the bag storage, cart storage garage and locker rooms.



Soil Boring Locations

In addition to the above, the geophysical survey was also utilized to screen and clear locations for soil borings on the subject property for a soil investigation (soil boring logs provided in Attachment D of this Phase II ESA). Subgrade utility services including natural gas, electrical and potable water service were partially demarcated during the geophysical survey using color-coded flags or spray paint. It should also be noted that subgrade storm water lines were identified at the subject property and are reportedly present throughout the golf course as well. The geophysical survey did not identify any drainage associated with the in-ground pool, located to the northeast of the existing clubhouse. The interconnections of identified drainage structures are depicted on Figure 2 in Attachment A.

2.2 UST Investigation

Based upon the results of the geophysical and visual survey, one existing inactive 550-gallon UST was identified along the eastern exterior of the existing mechanic shop building. Based upon the location of the UST and identified supply and return lines, this previously unknown/ unregistered UST was likely utilized for fuel oil storage in association with the former mechanic shop heating system. Based upon the results of the geophysical survey, personnel interviews and records review as part of the earlier Phase I ESA, three additional in-place USTs are present at the subject property. Given propane is a gas at standard temperature and pressure, there is low potential for soil impacts in association with the same and the identified propane UST was accordingly excluded from the scope of the Phase II ESA investigation. In kind, no sampling was conducted proximate to a water UST present on southern portions of the golf course. Three other former USTs were previously situated at various locations on the subject property. Additionally, the locations of one in-service dispenser and one former dispenser were identified proximate the existing mechanic shop on northern portions of the subject property. The former USTs consisted of a 550-gallon gasoline UST removed under regulatory supervision, an unregistered 1,000-gallon heating oil UST and a potential former 1,000-gallon heating oil storage UST.

Utilizing a 6610DT Geoprobe® direct-push hydraulic drill rig, two soil borings were installed through or adjacent to each of six UST locations. Additionally, one soil boring location was selected to be representative of both the existing gasoline dispenser island and its predecessor formerly in approximately the same location. Furthermore, one soil boring was installed adjacent to each of the two hydraulic lift reservoirs, for a total of fifteen (15) soil borings. Additional soil borings were utilized to investigate geophysical anomalies. Each aforementioned soil boring location is depicted on Figure 2 in Attachment A of this Phase II ESA. The soil borings within the locations of the former USTs were generally installed to terminal depths of 15 feet below grade (bg) and a single soil sample was collected from each underground petroleum storage and dispenser location at an elevation to be representative of the



invert depths. At each location, continuous soil samples were retained in factory-new core liners and field screened utilizing a photoionization detector (PID¹) for the presence of volatile organic compounds (VOCs). Soil lithology observed is summarized in soil boring logs provided in Attachment D of this Phase II ESA.

No visual or olfactory evidence of contamination was identified by VHB during collection of the petroleum UST and gasoline dispenser samples. In addition, as noted in soil boring logs, no significant PID readings were observed. For confirmatory analysis, soil samples were retained from depths of nine, seven and five feet bg adjacent the existing 1,000-gallon gasoline, 550-gallon fuel oil and 10,000-gallon USTs, respectively (samples SB-2 [9'bg], SB-9 [7'bg] and SB-13 [5'bg]). Two soil samples were collected proximate to the two adjacent hydraulic lift locations (samples HL-1 [3'-4'bg] and HL-2 [2-3'bg]). Additionally, one soil sample was retained from proximate to the contiguous former and current dispenser location. Furthermore, soil samples were collected from depths of eight, nine and seven feet bg through suspect grave locations of the former 550-gallon gasoline and two former 1,000-gallon heating oil USTs (samples SB-5 [8'bg], SB-11 [9'bg] and SB-18 [7'bg]). In addition, samples of potential backfill material were collected from the three suspected tank grave locations (samples SB-5 [5'bg], SB-11 [3'-4'bg] and SB-18 [4-5'bg]).

Each soil sample was placed in laboratory-supplied glassware and transported in a cooler packed with ice pending transport to York Analytical Laboratories, Inc. (York), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) and National Environmental Laboratory Accreditation Program (NELAP)-certified laboratory, with appropriate chain-of-custody for analysis. The soil samples proximate to petroleum storage equipment were submitted for analysis for Target List Compound (TCL) VOCs using United States Environmental Protection Agency (USEPA) Method 8260² and TCL semi-volatile organic compounds (SVOCs) using USEPA Method 8270. The soil samples associated with hydraulic lift equipment were submitted for additional analysis of polychlorinated biphenyls (PCBs) using USEPA Method 8082 and the soil samples collected proximate the gasoline USTs and dispenser island location were analyzed for lead using USEPA Methods 6010B. The backfill material samples were analyzed for TCL VOCs using USEPA Method 8260 and TCL SVOCs using USEPA Method 8270 as well as Resource Conservation and Recovery Act (RCRA) metals using USEPA Methods 6010 and 7471, PCBs using USEPA Method 8082A and pesticides using USEPA Method 8081. A summary of analytical laboratory results is provided below.



¹ A PID is a portable field instrument capable of detecting a wide range of VOCs.

² All soil samples collected by VHB during the conduct of this Phase II ESA and submitted for VOC analyses were preserved using USEPA Method 5035 as recommended by the NYSDOH.

2.2.1 UST Sampling Results

Existing Petroleum USTs

No elevated PID responses (above one parts per million [ppm]) were noted at locations proximate to the existing 1,000-gallon gasoline UST and associated dispenser, inactive 550-gallon fuel oil UST and the decommissioned 10,000-gallon fuel oil UST as well as either of the two in-service hydraulic piston lifts with subgrade reservoirs. The laboratory analytical results were compared to the New York Code Rules and Regulation (NYCRR) Part 375 Table 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (UUSCOs) promulgated on December 14, 2006 and generally similar with New York State Department of Environmental Conservation (NYSDEC) CP-51 Soil Cleanup Guidance Tables 2 and 3 issued October 21, 2010. As indicated on Table 2 in Attachment B, no SVOCs were detected above laboratory method detection limits (MDLs) and no VOCs were detected above UUSCOs, with the exception of acetone. It should be noted that acetone is a common laboratory artifact, and as such, this estimated concentration may not be representative of existing conditions at the subject property. Furthermore, no PCBs or elevated lead concentrations were reported above UUSCOs for samples collected proximate the hydraulic and gasoline equipment, respectively.

Former Petroleum USTs

No elevated PID responses (above one ppm) were noted at suspected former locations of one 550-gallon gasoline UST and two 1,000-gallon fuel oil USTs as well as the associated former dispenser. The analytical results were compared to the NYCRR Part 375 Table 375-6.8(a) UUSCOs. As indicated on Table 2 in Attachment B, no SVOCs were detected above MDLs and no VOCs were detected above UUSCOs, apart from acetone. As previously noted, acetone is a common laboratory artifact, and as such, the reported concentration may not be representative of existing conditions at the subject property. Furthermore, no elevated lead concentrations were reported above UUSCOs for samples collected proximate to the former gasoline UST and dispenser locations.

Backfill in Tank Graves

No elevated PID responses (above one ppm) were noted at suspected former locations of one 550-gallon gasoline UST and two 1,000-gallon fuel oil USTs. Furthermore, no substantial demolition debris (i.e. concrete or brick) were identified. The analytical results were compared to the NYCRR Part 375 Table 375-6.8(a) UUSCOs. As indicated on Table 2 in Attachment B, no SVOCs were detected above MDLs and no VOCs were detected above UUSCOs, apart from acetone. As previously noted, acetone is a common laboratory artifact, and as such, the reported concentrations of the same may not be representative of existing conditions at the subject property. Furthermore, no elevated PCB concentrations were reported above MDLs UUSCOs. However, the concentration of arsenic in a sample collected from

depths of four to five feet by proximate the stand-alone dwelling exceeds the UUSCO and Restricted Use Residential Soil Cleanup Objective (RUSCO). No other metals or pesticide compounds were detected above UUSCOs within samples collected from the three suspect tank graves.

2.3 Pesticide Investigation

In order to determine the impacts of pesticides, metals from previous agricultural use and more recent use as a golf course, surficial and near-surface soil samples were collected amongst open space areas at the subject property. A shovel and hand auger were utilized to advance five borings throughout the golf course on southern portions of the subject property and collect discreet soil samples in one-foot increments. In addition, one soil boring was performed within the accessible garden/greenhouse area on northern portions utilizing a hand auger. All sampling equipment was decontaminated using a detergent solution wash and potable water rinse prior to sample collection. Soils contained within each hand auger sample were field screened utilizing visual and olfactory methods. The surficial and near-surface soil samples discussed below were collected over the course of December 7 and December 24, 2018.

No staining or petroleum odors were detected during the open space soil boring investigation. Upon collection, soil samples were placed in a cooler packed with ice and stored at a temperature of 4° Celsius pending transport to York with appropriate chain-of-custody. The surficial and near-surface soil samples from zero to two-inches (0–2”), ten to twelve-inches (10”–12”) and twenty-two to twenty-four (22”–24”) below the grass mat were analyzed for pesticides using USEPA Method 8081A and RCRA metals by USEPA Methods 6010B and 7471. No analysis for herbicides was conducted as part of this Phase II ESA. A summary of observed soil lithology and analytical data with respect to each soil sample analyzed is provided, below.

2.3.1 Pesticide Analytical Results

The surficial and near-surface soil samples from zero to two-inches (0–2”), ten to twelve-inches (10”–12”) and twenty-two to twenty-four (22”–24”) below the grass mat were analyzed for pesticides using USEPA Method 8081A and RCRA metals by USEPA Methods 6010B and 7471. A summary of observed soil lithology and analytical data with respect to each soil sample analyzed is provided, below.

Greenhouse Garden

The soil lithology within the greenhouse garden area was observed to generally consist of multiple layers of top soil and compost with high organic matter content atop and below a layer of brown silty sand at a depth of approximately one-foot below grade.

OS-1

As indicated on Table 3 in Attachment B, chlordane derivatives were detected at concentrations below MDLs in samples OS-1 (0-2" bg) and OS-1 (10"-12" bg). Although these pesticides were detected above MDLs in the deeper samples OS-1 (22"-24" bg), the concentrations were reported well below their respective NYSDEC Part 375 UUSCOs. The metalloid arsenic and metals barium, cadmium, chromium and lead were detected at concentrations exceeding their respective MDLs, but not the UUSCOs for all three sampling depths. However, mercury was detected at concentrations of 0.209, 0.215 and 0.267 milligrams per kilogram (mg/kg) each exceeding the UUSCO of 0.18 mg/kg, but well below the RUSCO of 0.81 mg/kg. This metal did not attenuate with depth, consistent with field observations indicative of multiple applications of topsoil.

In addition, it should be noted that an elevated MDL was identified in the laboratory analytical data for selenium analyses in the sample collected at the terminal boring depth. Elevated MDLs may be attributed to sample dilution, matrix interference or other laboratory testing factors. Based upon a review of the analytical laboratory data, the MDL for this sample exceeded the respective UUSCOs with regard to selenium. As such, it is possible that selenium concentrations in the sample results are above applicable regulatory standards. Therefore, the samples cannot be utilized as pre-determined endpoint with respect to selenium and it may be assumed that these locations are impacted with same above applicable standards.

Regardless, the reported MDL of 4.32 mg/kg is well below the RUSCO of 36 mg/kg for selenium.

Golf Course

The observed soil lithology beneath the grass mat at the four soil boring locations on the golf course was generally similar and consisted of dense black organic matter transitioning to brown silty sand with gravel by one-foot below grade. On the southern portions of the golf course (boring locations OS-5 and OS-6), grey-ish brown clay was encountered at or around one-foot below grade and continued to the terminal boring depth. In one select location (boring location OS-4), coarse grain sand was encountered, consistent with regrading likely conducted as part of modifications to a former fairway bunker location.

OS-2

As indicated on Table 3 in Attachment B, total chlordane, gamma-chlordane and heptachlor epoxide were detected at concentrations above MDLs in the shallowest sample OS-2 (0-2"). However, the concentrations of these pesticide compounds were reported well below their respective NYSDEC

Part 375 UUSCOs. As indicated on Table 3 in Attachment B, no other pesticides compounds were detected at concentrations exceeding their MDLs in the three soil samples from this location. The element mercury was detected at concentrations exceeding the MDL, but well below the respective UUSCO. No exceedances of UUSCOs were identified in surficial and near-surface soil in the vicinity of boring location OS-2 (portions of the 1st fairway), based on the laboratory analytical data obtained during this Phase II ESA.

OS-3

As indicated on Table 3 in Attachment B, no pesticides compounds were detected at concentrations exceeding their MDLs in the samples to terminal boring depth. However, the metal mercury was detected in samples OS-2 (0-2") and OS-2 (10"-12") at the concentrations of 0.706 mg/kg and 0.455 mg/kg, respectively, exceeding the respective UUSCO of 0.18 mg/kg, but below the RUSCO of 0.81 mg/kg. In addition, arsenic was reported at the concentration of 30.4 mg/kg in sample OS-3 (10"-12"), which exceeds both the UUSCO of 13 mg/kg and the RUSCO of 16 mg/kg for arsenic. It should be noted that concentrations of arsenic and mercury were both shown to attenuate with depth and, as such, the deepest sample collected at this location OS-3 (22"-24"), did not exhibit any exceedances of UUSCOs for the analyzed compounds.

OS-4

As indicated on Table 3 in Attachment B, no pesticides compounds were detected at concentrations exceeding their MDLs in the samples to terminal boring depth. However, the element arsenic was detected in samples OS-4 (0-2") and OS-4 (10"-12") at the concentrations of 23.9 mg/kg and 17.6 mg/kg, respectively, exceeding both the respective UUSCO of 13 mg/kg and the RUSCO of 16 mg/kg for arsenic. In addition, the element mercury was reported at concentrations that exceed the UUSCO of 0.18 mg/kg for mercury, but is below the RUSCO of 0.81 mg/kg. It should be noted that concentrations of arsenic and mercury were both shown to attenuate with depth and, as such, the deepest sample collected at this location OS-4 (22"-24") did not exhibit any exceedances of UUSCOs for the analyzed compounds.

OS-5

As indicated on Table 3 in Attachment B, no pesticides compounds were detected at concentrations exceeding their MDLs in the samples to terminal boring depth. However, the metal mercury and metalloid arsenic were detected at concentrations above MDLs, but below UUSCOs. Arsenic was detected in sample OS-5 (0-2") at the concentrations of 20 mg/kg, exceeding

both the UUSCO of 13 mg/kg and the RUSCO of 16 mg/kg for arsenic. In addition, arsenic was detected in sample OS-5 (10"-12") at the concentration of 14.2 mg/kg, which exceeds the respective UUSCO. It should be noted that concentrations of arsenic were both shown to attenuate with depth and, as such, the deepest sample collected at this location OS-5 (22"-24"bg), did not exhibit any exceedances of RUSCOs or UUSCOs for the analyzed compounds.

OS-6

As indicated on Table 3 in Attachment B, the pesticides 4,4'-DDD, 4,4'-DDT and dieldrin were detected at concentrations above MDLs and respective UUSCOs in soil sample OS-6 (10"-12"bg). These pesticides were detected below RUSCOs in the same sample and below MDLs in the samples OS-6 (0-2") and OS-6 (22"-24"). In addition, arsenic was reported to be present in sample OS-6 (10"-12") at concentrations exceeding both the UUSCO of 13 mg/kg and the RUSCO of 16 mg/kg for arsenic. Arsenic concentrations were below the respective UUSCO in the samples OS-6 (0-2"bg) and OS-6 (22"-24"bg). The deepest sample collected at this location OS-6 (22"-24" bg), did not exhibit any exceedances of RUSCOs or UUSCOs for the analyzed compounds.

2.4 UIC Investigation

A UIC investigation was undertaken at the subject property in order to identify existing structures that may require remedial action. As previously indicated, a total of six in-service sanitary cesspools, four at-grade drywells, two subgrade drywells, three interior floor drain drywells and two curb-side storm drains, one catch basin and numerous small diameter make-shift drywells were identified during the visual inspections and geophysical survey. In addition, four in-service septic tanks or historical structures of similar design and purpose were identified at the subject property. VHB observed and recorded the determinable construction configuration of each identified structure, general nature of bottom sediment/ sludge samples collected as well as depth-to-liquid, if any, and depth-to-base measurements which are summarized on Table 4 in Attachment B of this Phase II ESA. Furthermore, X-Ray inspected the interiors of the storm drains for subgrade piping. The subgrade piping observed is depicted on Figure 2 in Attachment A.

The bottom sediment/sludge samples were collected from structures with accessible covers by VHB personnel utilizing a decontaminated stainless-steel hand auger. In addition, one of the subgrade UIC structures (CP-2) was sampled utilizing a Geoprobe® direct-push hydraulic drill rig. Bottom sediment samples were characterized in the field by VHB personnel and inspected for visual and olfactory evidence of contamination (i.e. staining and/or odors). In general, samples collected represent the first six inches of material encountered, except where a surficial layer of

leaves/debris was removed from an at-grade storm drain. The samples were field screened with a PID for the presence of VOCs and were collected in laboratory-supplied glassware, with visual observations recorded. Upon collection, bottom sediment samples were placed in a cooler packed with ice and transported to York for analysis of TCL VOCs, TCL SVOCs and RCRA metals. For the purpose of this Phase II ESA, no analysis for pesticide compounds within UIC bottom sediments was conducted.

As shown on Table 4 in Attachment B, analytical results for the bottom sediment/sludge samples were compared to the USEPA's Region 2 UIC Cleanup Objectives as indicated in its source: NYSDEC "Protection of Groundwater" Soil Cleanup Objectives, 6 NYCRR 375-6.8(b) and the Supplemental Soil Cleanup Objectives listed in Table 1 of NYSDEC CP-51 (hereinafter, "USEPA UIC Cleanup Objectives"). These standards are generally more lenient than the UUSCOs and RUSCOs. It should be noted that the Nassau County Department of Health (NCDH) may elect to hold jurisdiction over the subject property for UIC-related issues. The NCDH typically relies on USEPA's Region 2 UIC Cleanup Objectives when maintaining jurisdiction over properties' UIC-related issues. As previously mentioned, laboratory data tables are contained in Attachment B and laboratory analytical results are contained in Attachment C. Details regarding the sampling activities and the laboratory analytical results are provided below.

2.4.1 UIC Sampling Results

VHB was able to obtain a bottom sediment sample from 18 UIC structures at the subject property including three of the identified cesspools during the Phase II ESA field activities (CP-1, CP-2 and CP-3). No sample was collected in association with the two on-course bathroom facilities. In addition, the location of the cesspool associated with the course maintenance/ mechanic shop was deemed inaccessible (potentially under the greenhouse). However, a sample was alternatively collected from the septic tank proximate to this location (ST-1). Furthermore, samples were collected from septic tanks associated with the pool-side facilities and existing clubhouse (ST-2 and ST-3).³

No samples were collected from the two-identified subgrade overflow drywells to the west and south of the existing clubhouse. However, samples were collected from their interconnected structures (DW-2 and DW-4, respectively). Due to a small inner diameter of floor drains within the clubhouse (approximately 1.5-inches), VHB was unable to sample these structures. It has not been confirmed whether these structures discharge in-situ, to exterior drywells or the sanitary system.



³ Septic tanks are the primary receiving structures for sanitary systems, as such, septic tanks have the potential to contain the highest concentrations of contaminants in sampled sanitary sludges.



Given the low potential for the make-shift drywells on the golf course to be impacted with VOC and SVOC impacts, these structures were generally not sampled as part of this Phase II ESA. Results for one sample collected from a drywell situated in the cart path in central portions of the golf course (DW-5) and open space results for soil borings in the vicinity of same may be representative of conditions to be anticipated in these drainage structures throughout the southern portions of the subject property.

It should also be noted that stairwell landing drywells were noted on Village-maintained building records/ plans in association with the previous clubhouses at the subject property (as part of the Phase I ESA). VHB was unable to identify the location or obtain a bottom sediment sample from the aforementioned floor drains during the Phase II ESA field activities. The same may have been located in the footprint of the existing building in space currently occupied by the existing basement and would have been removed or abandoned during construction.

Furthermore, the destination of identified piping within two of the sampled structures (CB-1, ST-2B) and one geophysical anomaly was not able to be confirmed due to time constraints and/or equipment limitations. It is anticipated that the NCDH will, at a minimum, require identification and sediment/sludge sampling of subgrade UIC structures interconnected with impacted UIC structures. Under a redevelopment or subdivision scenario, the NCDH and/or USEPA may require further investigation of the anomalous clay piping surfacing at-grade proximate the pool-side snack bar as well.

No visual or olfactory evidence of gross contamination was identified by VHB during the collection of samples. The PID readings ranged from 0.0 ppm to 24 ppm in the sample collected from ST-2B. As indicated in Table 4 in Attachment B, bottom sediments within four drywells (DW-1 through DW-4), one catch basin (CB-1) and one curb-side storm drain (SD-1) in asphalt-paved areas trafficked by automobiles are impacted with several SVOCs, such as benzo(b)fluoranthene and chrysene, at concentrations above the USEPA UIC Cleanup Objectives. The samples collected from two drywells (DW-2 and DW-3) are also impacted with elevated concentrations of selenium. Lead within a catch basin (CB-1) was reported at a concentration of 8,370 mg/kg, which has the potential to classify the sludges as hazardous; further waste characterization analysis would be necessary in order to confirm or disprove this. One drywell (DW-2) is also impacted with the VOC toluene at a concentration exceeding the UIC Cleanup Objectives. In addition, one floor drain (FD-1) is impacted with the element selenium at a concentration of 6.02 mg/kg, which is slightly above the respective USEPA UIC Cleanup Objective of 4 mg/kg.

Five sanitary structures (ST-1, ST-2A, ST-2B, CP-1 and CP-2) are impacted with elevated concentrations of VOCs, such as toluene, 1,4-dichlorobenzene and 1,4-dioxane commonly found in soaps and other cleansers. The sludge samples collected from sanitary structures proximate to the stand-alone dwelling (CP-1) and the mechanic shop (ST-1) are also impacted with elevated concentrations of the heavy

metal cadmium above the respective USEPA UIC Cleanup Objectives. Furthermore, the sludge sample collected from one sanitary structure proximate to the mechanic shop (ST-1) is also impacted with elevated concentrations of the heavy metal lead above the respective USEPA UIC Cleanup Objectives. Cadmium and lead are commonly associated with batteries and paint/coatings. The level of lead was reported at a concentration of 471 mg/kg, which has the potential to classify the sludges as hazardous; further waste characterization analysis would be necessary in order to confirm or disprove this. This sanitary structure is also impacted with mercury at a concentration of 4.44 mg/kg, which also has the potential to classify waste generated from this structure as hazardous. Two other sanitary structures (ST-2B and CP-1) were found to contain lesser concentrations of mercury, though still above USEPA UIC Cleanup Objectives. There were several other analytes detected above their MDLs for bottom sediment/sludge within the UIC structures; however, same did not exceed their respective USEPA UIC Cleanup Objectives.

Notwithstanding the above, elevated MDLs were identified in the VOC analyses and selenium within the laboratory analytical data. Elevated MDLs occur during laboratory testing such that a compound may be analyzed but may be reported as “not detected” unless a certain concentration is identified. Elevated MDLs may be attributed to sample dilution, matrix interference or other laboratory testing factors. Based upon a review of the analytical laboratory data, and as indicated on Table 4 in Attachment B, MDLs for several VOCs were identified in samples collected from each of the three sampled septic tanks (ST-1, ST-2 and ST-3) and for selenium in select sanitary structures and one make-shift drywell (ST-1, ST-2, CP-1, ST-3, CP-3 and DW-5) of the 18 UIC structures at limits that exceed their respective USEPA UIC Cleanup Objectives. As such, it is possible that VOC and/or selenium concentrations in these sample results are above applicable regulatory standards. Therefore, it may be assumed that these structures are impacted with VOCs or selenium above applicable standards.

Given the sample results, as summarized on Table 4, structures DW-1, DW-2, DW-3, DW-4, FD-1, SD-1, CB-1, ST-1, ST-2A, ST-2B, CP-1 and CP-2 will require remediation based upon USEPA UIC Cleanup Objectives. These designations represent approximately 12 of the 18 sampled UIC structures at the subject property. In addition, the structures ST-3, CP-3 and DW-5 may require re-sampling and/or remediation based on elevated MDLs for selenium and/ or VOCs analyses. These designations represent all existing at-grade storm drains with slotted covers as well as the cesspool. The two interior drywells proximate to the drum storage in the mechanic shop and one storm drain do not currently require remediation, based on the data obtained during this Phase II ESA.

3.0

Conclusions and Recommendations

Based on the results of the subsurface investigation at the subject property, VHB offers the following recommendations:

Petroleum Storage

Excluding propane and water USTs, three in-place USTs and one in-service dispenser were identified at the subject property. Laboratory analytical results indicate that no VOCs other than acetone nor SVOCs and/or lead were detected exceeding UUSCOs in the seven soil samples collected from the locations of the three petroleum USTs, three petroleum UST grave locations and one associated gasoline dispenser investigated at the subject property. It is VHB's understanding that the 10,000-gallon fuel oil UST was permitted to be decommissioned in-place given its inaccessible location with respect to a building foundation. The in-service 1,000-gallon gasoline UST and dispenser require periodic testing and maintenance of alarms and cathodic protection. Only one of the three existing USTs is inactive and currently accessible.

VHB recommends the out-of-service 550-gallon fuel oil UST be removed following the protocols and under the oversight of Nassau County. It should be noted that although no impacted soil was identified in two soil borings conducted adjacent the eastern and western portions of the tank, there remains the potential for limited impacted soil directly beneath the tank, considering the fair drainage capacity of soils observed in this location. If any impact is identified during the tank removal, the NYSDEC should be notified and a licensed environmental remediation contractor retained to excavate and properly dispose of impacted soil at an approved facility. Furthermore, should any additional storage tanks be identified during future site work, the same should be evaluated by an Environmental Consultant. Extra safety precautions should be taken if excavating proximate to the propane UST.

One fuel oil aboveground storage tank (AST) located within the basement of the residence was observed by VHB during the Phase I ESA visual inspection and was

confirmed to be in good condition, with no evidence of leaks or release. In addition, the basement floor was observed to consist of solid concrete with no visible pathways to the subsurface. As such, no additional action is warranted with respect to the aforementioned AST. Furthermore, drum storage areas proximate the existing mechanic shop did not exhibit any surficial staining on the surrounding ground, was equipped with secondary containment and thus did not appear to warrant further investigation either. The drum storage and AST should be properly removed from the subject property in accordance with prevailing regulations prior to any redevelopment or demolition of the mechanic shop and dwelling, if proposed.

Hydraulic Lifts

Two active hydraulic lifts with subgrade piping were identified at the subject property, along with one fully above-grade hydraulic lift. Based upon the sample results and VHB's observations, no impacts were identified associated with the two in-service piston lifts at the subject property. The condition of the above-grade lift was observed to be fair, without any evident on-going leakage or historical staining, and therefore did not warrant additional sampling. If redevelopment of the northeastern portions of the property is undertaken, the lifts may need to be removed under proper supervision. As no impacts were identified associated with hydraulic lifts, VHB offers no further action or recommendations regarding the same at this time.

Pesticide Impacts

Based on the results of the laboratory analytical data, element such as arsenic that were used in or as pesticides were detected at concentrations exceeding their respective UUSCOs and/or RUSCOs in the surficial and near soils throughout the golf course. However, concentrations detected within soils on the golf course generally attenuated with depth and were below UUSCOs by two-feet below grade on these southern portions of the subject property. It should be noted that concentrations of mercury exceeding applicable regulatory standards were detected in the soils to terminal boring depth within the greenhouse garden area. In addition, the reported concentrations of arsenic detected within soils at a depth of four-feet below grade was detected above UUSCOs and RUSCOs in a suspected backfill location proximate the stand-alone dwelling.

Due to the confirmed presence of metals and pesticides exceeding NYSDEC UUSCOs, a soil management plan (SMP) may be prepared to cap and/or redistribute soils with concentrations between UUSCOs and RUSCOs in order to manage soils remaining on-site, thereby eliminating exposure to contaminants to future on-site residents. Given the confirmed presence of metals and pesticides exceeding NYSDEC RUSCOs, these soils exceeding the higher regulatory threshold are anticipated to require off-site soil disposal under a subdivision and/or redevelopment scenario, thereby eliminating exposure to contaminants to future on-site residents. It should also be noted that more thorough sampling will likely be required as part of an open



space study if the subject property is identified for subdivision and/or redevelopment.

Drainage Structures

Based upon the laboratory analytical results, samples collected from the aforementioned 18 UIC structures, with the exception of SD-2, FD-1 and FD-2, contain concentrations of VOCs, SVOCs and/or metals or elevated MDLs at concentrations above their USEPA UIC Cleanup Objectives. As such, 15 of the 18 structures have the potential to warrant remedial action in accordance with the USEPA UIC Closure Program. However, three of these 15 structures (i.e., ST-3, CP-3 and DW-5) are included solely due to elevated laboratory MDLs and remediation may not be required by the NCDH and/or USEPA. Impacted bottom sediments from each of the structures can be excavated utilizing equipment such as a backhoe or vactor truck and disposed of properly off-site. Post-remediation confirmatory endpoint analysis for appropriate analytical suites will then be required.

VHB does not recommend any additional investigation associated with the unsampled 1.5-inch diameter floor drains identified in the basement of the clubhouse at this time. However, it is anticipated that the NCDH will, at a minimum, require identification and sediment/sludge sampling of subgrade UIC structures interconnected with impacted UIC structures, specifically the overflows associated with DW-2 and DW-4 as well as unidentified destinations of piping observed in CB-1 and ST-2B. Under a redevelopment or subdivision scenario, the NCDH and/or USEPA may also require further investigation of the anomalous clay piping surfacing at-grade proximate the pool-side snack bar as well.

Bottom sediments/sludges within the VOC impacted sanitary UIC structure, may need to be handled as a separate point source and disposed of separate from the remaining UIC structures and soils impacts identified at the subject property. Although each UIC structure location should have a representative post-remediation endpoint sample to confirm that the impacts were resolved, unless waste characterization data necessitate segregation (see below), VHB recommends that these sediments/sludges can be comingled during remediation activities related to off-site disposal.

It should be noted that Code of Federal Regulations (CFR) Title 40 Section 261.24 provides information regarding characteristics of hazardous waste. A waste stream is considered characteristically hazardous waste based upon set toxicity characteristics leaching procedure (TCLP) regulatory limits. Based upon the procedure for TCLP analysis, a sample must contain a total concentration of at least 20 times the TCLP regulatory limit before it becomes possible for the waste to be classified as a hazardous waste. As such, samples which report a total concentration of at least 20 times the TCLP regulatory limit have the potential to be considered hazardous waste.

The analytical results for the sludge and bottoms sediment samples collected from the septic tank proximate the mechanic shop (ST-1) and the catch-basin along the driveway (CB-1) have the potential to be classified as hazardous waste, based on elevated lead and/or mercury concentrations. The samples from these structures should be submitted for applicable TCLP analysis in order to make a hazardous/non-hazardous determination regarding the waste stream. No additional bottom sediment/sludge samples result for UIC structures or soil samples results from proximate UST tank locations were indicated to have the potential to be classified as hazardous waste. No surficial or near surface soils sampled during the limited open space boring investigation were indicated to have the potential to be classified as hazardous waste.

Other Concerns

In addition to the above, VHB recommends the following:

- If southwestern portions of the subject property are to be disturbed, the existing irrigation well may need to be properly abandoned according to regulatory procedures prior to any on-site redevelopment activities. Furthermore, the adjacent abandoned underground water tank could be encountered during ground disturbance in this location.
- Given the ages of the buildings at the subject property, there is potential for lead-based paint (LBP) to be present. If any of the existing buildings at the subject property are proposed for demolition, the ratio of lead-impacted materials to total demolition debris would not require additional action. However, VHB recommends that the any contractors that may disturb painted surfaces be alerted to potential presence of LBP in order to take necessary worker protection precautions.
- Given the ages of the buildings at the subject property, there is a potential for asbestos containing materials (ACM) to be present in building materials. If the subject property is identified for redevelopment, New York-licensed inspectors and contractors must be retained to remove all ACM (if present) in accordance with federal and NYS regulations prior to any proposed demolition activities.
- Given the ages of the buildings at the subject property, there is a potential for PCBs to be present in building materials (i.e., caulking, etc.). PCBs are subject to federal disposal restrictions and should be dealt with during the proposed demolition. The PCBs can most effectively be identified and quantified in conjunction with the aforementioned ACM activities.
- If intended for re-use and/or renovation, water damage and standing water in the dwelling at the northern-most extent of the subject property should be further investigated. However, should the dwelling be targeted for demolition,



no segregation of mold-impacted building materials or abatement beforehand would likely be required.

- Given the presence of working quantities of hazardous materials including battery acids as well as fertilizers/ pesticides at the subject property, same should be removed in accordance with applicable regulations by the owner prior to any potential redevelopment of the subject property.

This Phase II Environmental Site Assessment was prepared by:

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Environmental Scientist
VHB Engineering, Surveying, Landscape Architecture and Geology, P.C.

Signature: by: 

Reviewed by: Stephen Kaplan, PG
Director, OHM Services
VHB Engineering, Surveying, Landscape Architecture and Geology, P.C.

Signature: by: 




Attachment A Figures

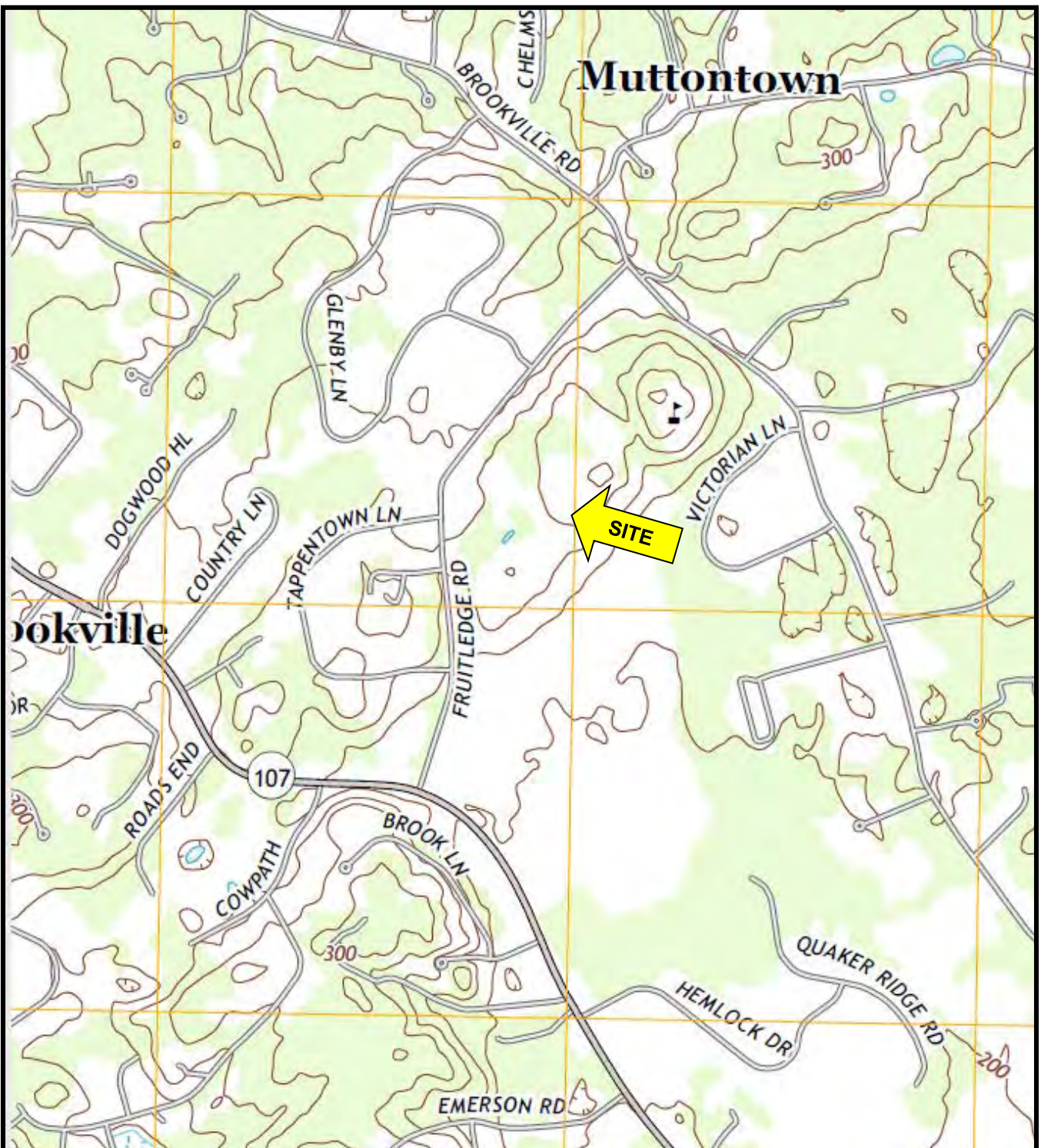


FIGURE 1 – SITE LOCATION MAP

SITE NAME: Grandview Estates
MUNICIPALITY, STATE, ZIP: Brookville, New York 11545
PROJECT NUMBER: 26747.00
SOURCE: United States Geological Survey Hicksville Quadrangle, 2013

PROJECT

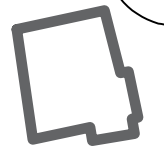


LAND NOW OR FORMERLY OF LUTHERAN HIGH SCHOOL
ASSOCIATION OF NASSAU AND SUFFOLK COUNTIES

VHB LEGEND

 - waterbody

 - fairway

 - building



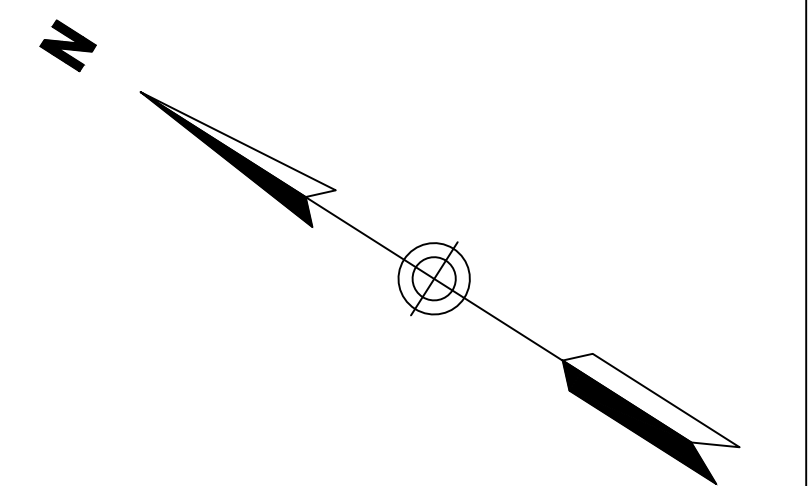
VHB Engineering, Surveying,
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Notes:

**Phase II
Environmental Site
Features
at
Grandview Estates
74 Fruitledge Road
Brookville,
New York 11545**

Title:

**Overall Subject
Property**

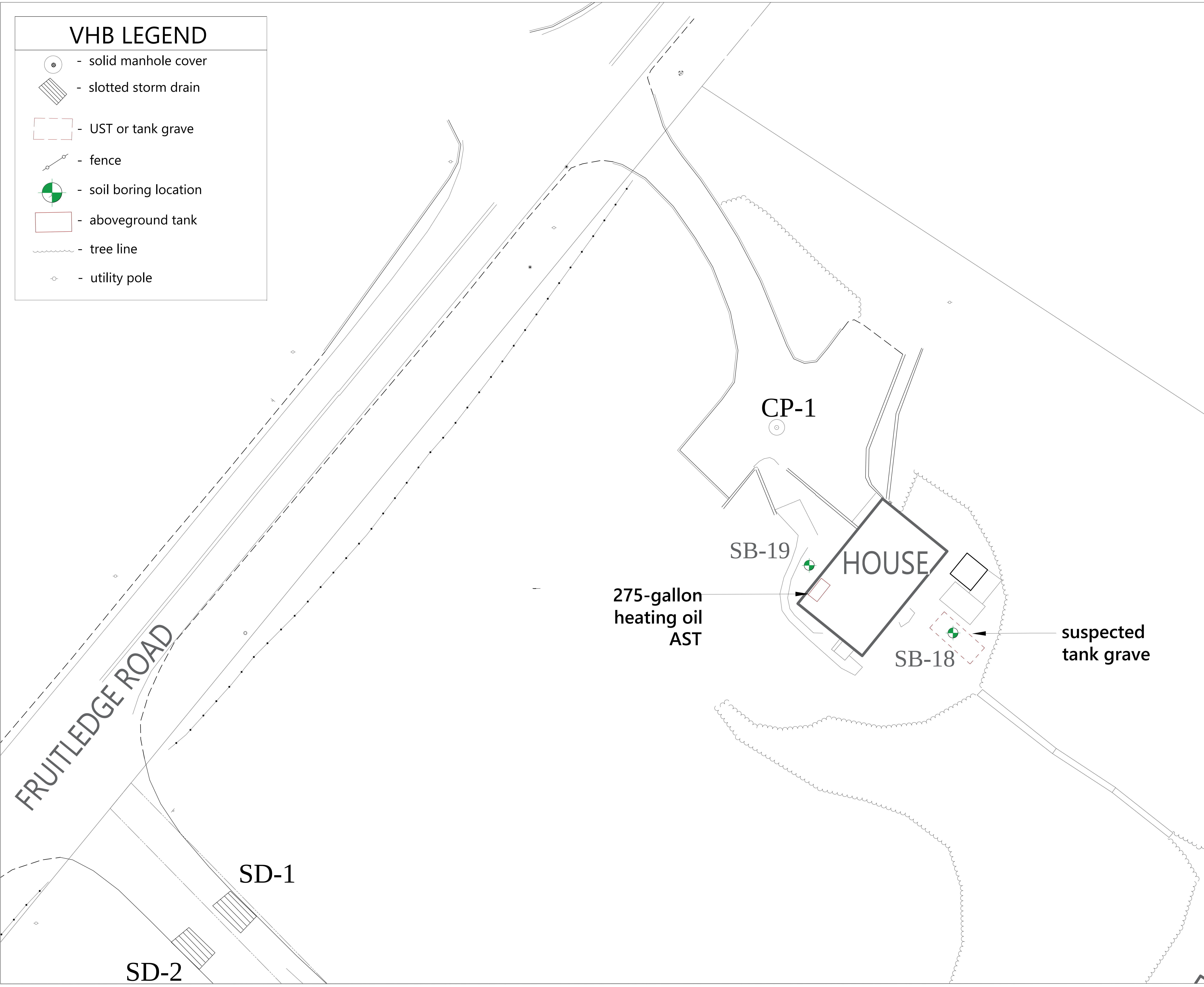


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N.T.S. 26747.00 1-14-19

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CR SK 1 of 6

Figure No.:

2A



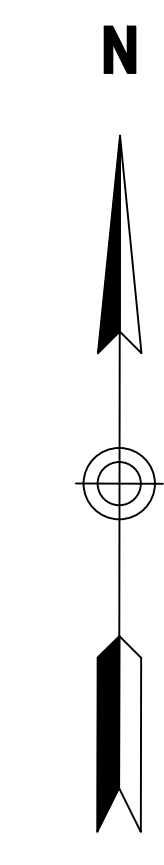
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Notes:

**Phase II
Environmental Site
Features
at
Grandview Estates
74 Fruitledge Road
Brookville,
New York 11545**

Title:

**Dwelling
and Entrance**



Scale: Project No.: Date:
N.T.S. 26747.00 1-14-19

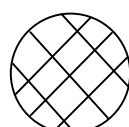
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Figure No.:

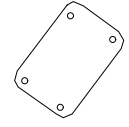
2B

VHB LEGEND

 - solid manhole cover

 - grated interior drywell

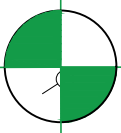
 - sub-grade structure

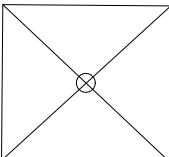
 - dispenser island

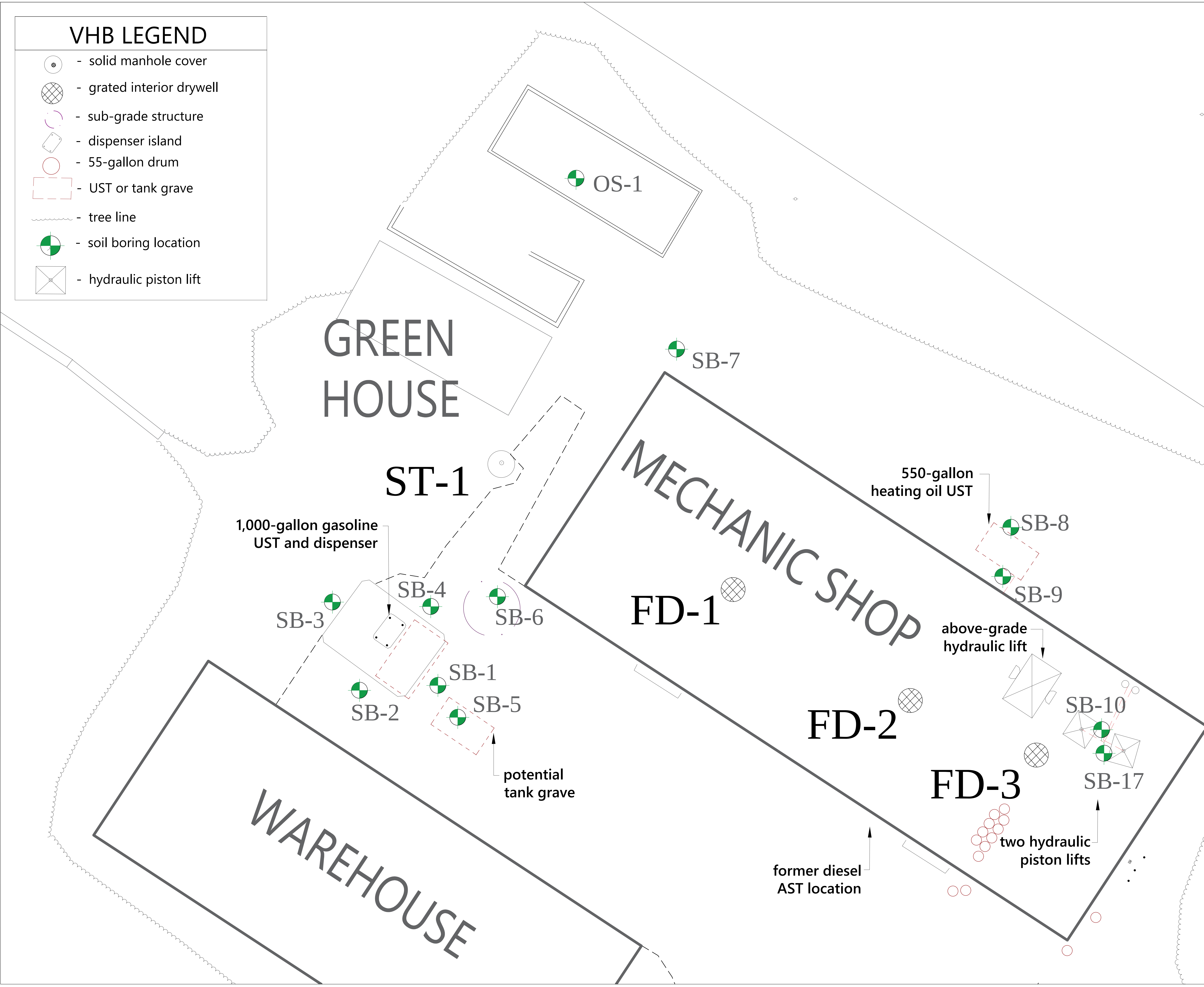
 - 55-gallon drum

 - UST or tank grave

 - tree line

 - soil boring location

 - hydraulic piston lift



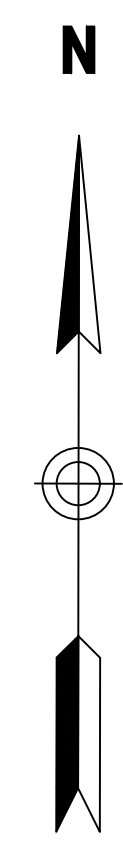
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Notes:

**Phase II
Environmental Site
Features
at
Grandview Estates
74 Fruitledge Road
Brookville,
New York 11545**

Title:

**Greenhouse and
Mechanic Shop**

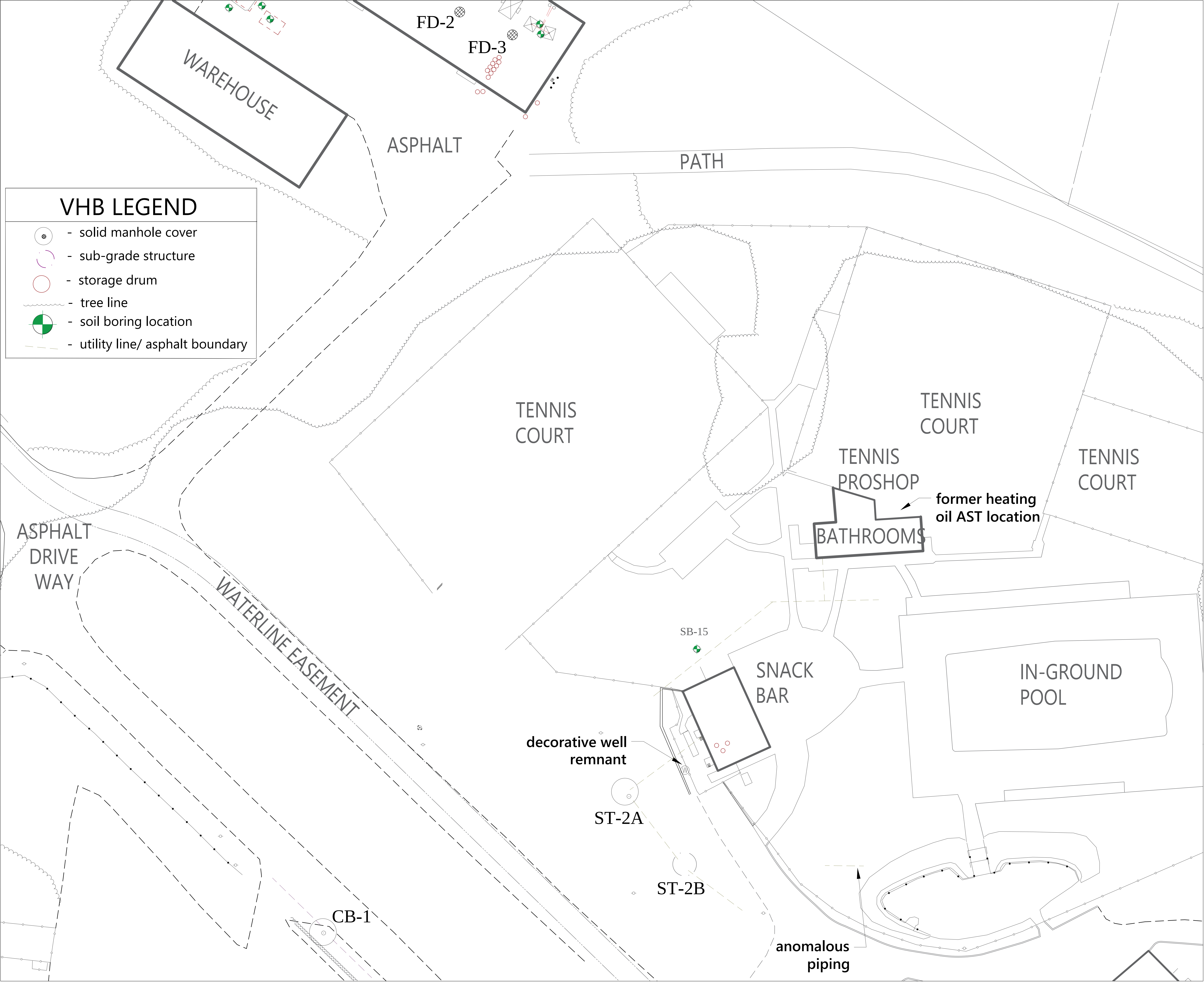


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N.T.S. 26747.00 1-14-19

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Figure No.:

2C

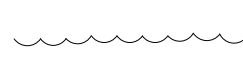


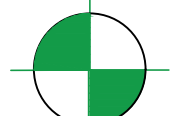
VHB LEGEND

 - solid manhole cover

 - sub-grade structure

 - storage drum

 - tree line

 - soil boring location

 - utility line/ asphalt boundary



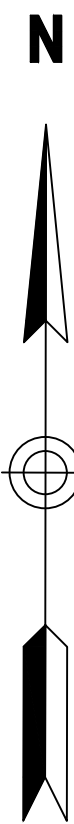
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Notes:

**Phase II
Environmental Site
Features
at
Grandview Estates
74 Fruitledge Road
Brookville,
New York 11545**

Title:

**Driveway and
Pool-side Snack Bar**

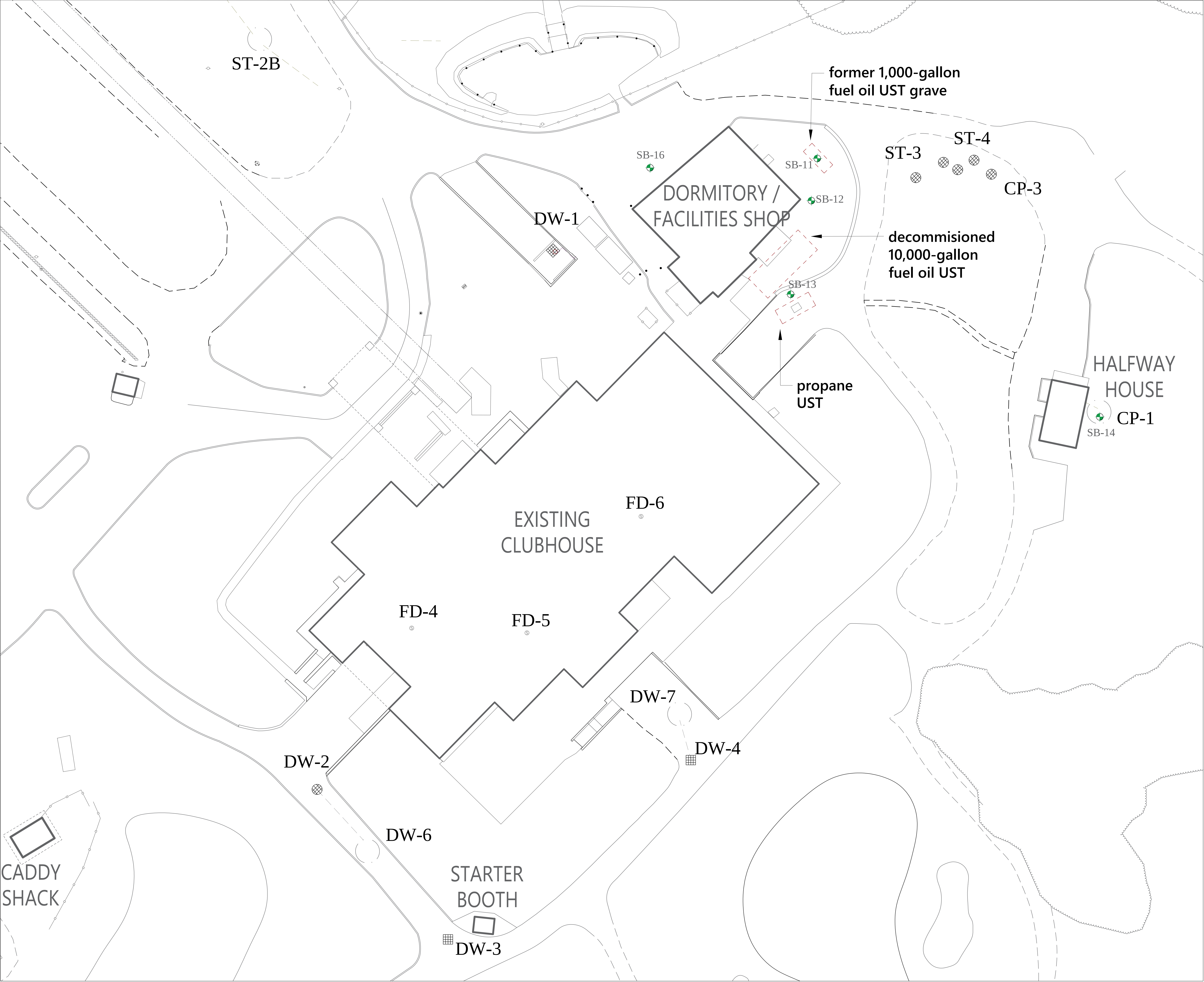


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N.T.S. 26747.00 1-14-19

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CR SK 4 of 6

Figure No.:

2D





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Notes:

**Phase II
Environmental Site
Features
at
Grandview Estates
74 Fruitledge Road
Brookville,
New York 11545**

Title:

**Clubhouse and
Halfway House**

Scale: Project No.: Date:

N.T.S. 26747.00 1-14-19

Drafter: Reviewer: Page:

CR SK 5 of 6

Figure No.:

2E



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Notes:

**Phase II
Environmental Site
Features
at
Grandview Estates
74 Fruitledge Road
Brookville,
New York 11545**

Title:
**Golf Course and
Supply Well**



Scale: Project No.: Date:
N.T.S. 26747.00 1-14-19

Drafter: CR Reviewer: SK Page: 6 of 6

Figure No.:

2F

Attachment B Tables

TABLE 1
UIC CHARACTERISTICS TABLE
74 FRUITLEDGE ROAD
BROOKVILLE, NEW YORK

Structure Designation	Approximate Diameter	Construction	Depth to Water	Depth To Bottom	Vertical Measurement of Standing Water	PID Reading (ppm)	Notes
DW-1	10 ft	N/A	N/A	10 ft 0 in	N/A	0.0 ppm	A stormwater drywell with a slotted metal manhole cover at-grade, located within a pitched asphalt-paved loading dock to the north of the existing clubhouse. A black organic matter with silt and sand sample with no noted odor was collected from this structure. The structure is associated with two to three exterior trench drains situated in the same loading bay and features a submercible pump within a suspended plastic drum and conveying fluid through polyvinyl chloride (PVC) piping to a an adjacent landscaped area.
DW-2	10 ft	N/A	1 ft 9 in	7 ft 4 in	5 ft 7 in	N/A	A stormwater drywell with grated metal manhole cover at-grade, located within an asphalt-paved loading bay to the west of the existing clubhouse. A various colored saturated coarse sand with gravel and organic matter sample with no noted odor was collected from this structure. The structure is associated with the subgrade DW-6.
DW-3	10 ft	N/A	6 ft 2 in	8 ft 8 in	2 ft 6 in	N/A	A stormwater drywell with slotted metal manhole cover at-grade atop a substantial riser, located within an asphalt-paved cart path to adjacent the starter booth. A saturated variable color sand with silt and organic matter sample with no noted odor was collected from this structure. No piping was apparent during inspection, potentially given the substantial riser legnth.
DW-4	5 ft	N/A	1 ft 0 in	1 ft 4 in	0 ft 4in	N/A	A stormwater drywell or catch basin with slotted metal manhole cover at-grade, located within an asphalt-paved area to the south of the existing clubhouse. A saturated brown sludge sample with sand and organic matter sample with no noted odor was collected from this structure. The structure is associated with subgrade DW-7.
DW-5	1 ft	N/A	N/A	3 ft 0 in	N/A	N/A	A typical make-shift stormwater drywell with slotted plastic manhole cover at-grade, located within an asphalt-paved cart path on central portions of the golf course. A black organic matter with sand sample with no noted odor was collected from this structure. No apparent piping was noted during the inspection.
FD-1	3 ft	Concrete	N/A	4 ft 0 in	N/A	N/A	An interior drywell with slotted metal manhole cover at-grade, located within the northern portion of the existing course maintenance/ mechanic shop proximate the pesticide storage area. A brown sand and silt sample with no noted odor was collected from this structure. No apparent pipping was noted during inspection.
FD-2	3 ft	Concrete	N/A	3 ft 10 in	N/A	0.1 ppm	An interior drywell with slotted metal manhole cover at-grade, located within the central portion of the existing course maintenance/mechanic shop proximate the drum storage area. A brown and grey fine to medium grain sand with trace silt and organic matter sample with no noted odor was collected from this structure. No piping was apparent during inspection.
FD-3	3 ft	Concrete	N/A	4 ft 1 in	N/A	1.8 ppm	An interior drywell with slotted metal manhole cover at-grade, located within the southern portion of the existing course maintenance/mechanic shop proximate the hydraulic lifts and drum storage area. A grey and brown sand with silt and gravel sample with no noted odor was collected from this structure. No apparrent pipping was noted during inspection.
SD-1	N/A	Concrete	N/A	3 ft 10 in	N/A	0.0 ppm	A curb-side stormwater drain with slotted metal cover at-grade, located along side the asphalt-paved driveway to the north of the existing clubhouse. A brown silt with some sand and organic matter sample with no noted odor and requiring substantial debris removal was collected from this structure. This structure is associated with SD-2.
SD-2	N/A	Concrete	N/A	1 ft 1 in	N/A	0.0 ppm	A curb-side stormwater drain with slotted metal cover at-grade, located along side the asphalt-paved driveway to the north of the existing clubhouse. A black sand with some silt and organic matter sample with no noted odor and requiring substantial debris removal was collected from this structure. This structure is associated with SD-1.
CB-1	N/A	Concrete	N/A	N/A	N/A	N/A	A catch basin with solid metal manhole cover at-grade, located within an grassy area along side the west side of the main driveway. A brown and grey silt and sand sample with no noted odor was collected from this structure. Pipping to the north and south was noted, but not traced given the construction of the same.
DW-6	N/A	N/A	N/A	N/A	N/A	N/A	A presumed drywell demarked beneath an asphalt blister, located within an paved cart path to the west of the existing clubhouse. No sample was collected from this structure during the Phase II ESA. This structure apparently serves as an overflow from DW-2 and potentially DW-3.
DW-7	N/A	N/A	N/A	N/A	N/A	N/A	A presumed drywell demarked beneath an asphalt blister, located within an paved area the south of the existing clubhouse. No sample was collected from this structure during the Phase II ESA. This structure apparently serves as an overflow from DW-4.
DW-8	N/A	Gravel	N/A	0 ft 2 in	N/A	N/A	A typical make-shift drywell with slotted metal cover at-grade, located in a unpaved area on eastern portions of the golf course. No sample was collected from this structure during the Phase II ESA. This structure presumably either leaches in-situ and/or drains via sub-grade hard pipping to the discharge area proximate the 15th green.
DW-9	1 ft	N/A	N/A	N/A	N/A	N/A	A typical make-shift drywell with slotted plastic cover at-grade, located in a landscaped area on western portions of the golf course. No sample was collected from this structure during the Phase II ESA. This structure presumably either leaches in-situ and/or drains via sub-grade hard pipping to the discharge area proximate the 15th green.
ST-1	N/A	N/A	4 ft 9 in	9 ft 0 in	4 ft 2 in	5.8 ppm	A sanitary structure with solid metal manhole cover at-grade atop a substantial riser, located within a grassy area to the north of the existing course maintenance/ mechanic shop building. A saturated black and brown sludge sample was collected from this structure. The structure is presumably associated with the adjacent house trap and potentially the structure associated with the adjacent subgrade metal cover. No piping or baffle was apparent during inspection, presumably given the substantial riser legnth.
ST-2A	6 ft	N/A	4 ft 6 in	5 ft 7 in	1 ft 1 in	9.8 ppm	A sanitary structure with solidmetal manhole cover at-grade, located within a grassy area to the west of the existing pool-side snack bar. A saturated black, grey and and brown sludge sample was collected from this structure. The structure is associated with ST-2B and fed by the adjacent pool-side snack bar and bathrooms. No piping or baffle was apparent during inspection, presumably given the substantial riser legnth.
ST-2B	6 ft	N/A	7 ft 3 in	7 ft 7 in	0 ft 4 in	24 ppm	A sanitary structure with solid metal manhole cover slightly subgrade atop a substantial riser, located within a grassy area to the west of the existing pool-side snack bar. A saturated black and grey sludge with sand sample was collected from this structure. The structure is associated with ST-2A, which is fed by the adjacent pool-side snack bar and bathrooms. Additional piping to the southeast was noted, but unable to be traced.
ST-3A	2 ft	N/A	7 ft 2 in	7 ft 2 in	0 ft 1 in	0.0 ppm	A sanitary structure with solid metal manhole cover at-grade, located within a grassy area to the northeast of the existing clubhouse. A saturated grey sludge sample was collected from this structure. The structure is associated with ST-3B and potentially ST-4A and ST-4B and CP-3.
ST-3B	N/A	N/A	4 ft 8 in	4 ft 6 in	N/A	N/A	A sanitary structure with solid metal manhole cover at-grade, located within a grassy area to the northeast of the existing clubhouse. No sample was collected from this structure. The structure apparently serves as an overflow for ST-3A and is also potentially associated with ST-4A, ST-4B and CP-3.
ST-4A	N/A	N/A	4 ft 10 in	10 ft 7 in	5 ft 9 in	N/A	A sanitary structure with solid metal manhole cover at-grade atop a substantial riser, located within a grassy area to the northeast of the existing clubhouse. No sludges were present in this structure during the Phase II ESA. The structure is potentially associated with ST-4B, ST-3A, ST-3B and CP-3.
ST-4B	N/A	N/A	3 ft 9 in	9 ft 11 in	6 ft 2 in	N/A	A sanitary structure with solid metal manhole cover at-grade atop a substantial riser, located within a grassy area to the northeast of the existing clubhouse. No sample was collected from this structure during this Phase II ESA. The structure apparently serves as an overflow for ST-4A and is also potentially associated with ST-3A, ST-3B and CP-3.
CP-1	N/A	N/A	11 ft 9 in	15 ft 8 in	3 ft 11 in	0.0 ppm	A sanitary structure with solid metal manhole cover at-grade, located within the paved driveway proximate the stand-alone dwelling. A black sludge sample was collected from this structure. The structure is presumably associated with an unidentified septic tank based on demarked piping leading to the west.
CP-2	N/A	N/A	N/A	6 ft 6 in	N/A	0.5 ppm	A sanitary structure with solid concrete cover subgrade, located within a grassy area proximate the halfway house. A grey sludge sample was collected from this structure. The structure is associated with the halfway house sink.
CP-3	N/A	N/A	5 ft 2 in	10 ft 0 in	4 ft 10 in	0.0 ppm	A sanitary structure with solid metal manhole cover at-grade, located within a grassy area to the northeast of the existing clubhouse. A black and grey sludge sample was collected from this structure. The structure apparently serves as an overflow for ST-3 and ST-4.
CP-4	N/A	N/A	N/A	N/A	N/A	N/A	A presumed sanitary structure, presumably located proximate the course maintenance/ mechanic shop. No sample was collected from this structure during the Phase II ESA. The structure is presumably associated with ST-1.
CP-5	N/A	N/A	N/A	N/A	N/A	N/A	A presumed sanitary structure, presumably located proximate the bathroom facility situated on central portions of the golf course. No sample was collected from this structure during the Phase II ESA. The structure may be associated with an unidentified septic tank or stand-alone.
CP-6	N/A	N/A	N/A	N/A	N/A	N/A	A presumed sanitary structure, presumably located proximate the bathroom facility situated on southern portions of the golf course. No sample was collected from this structure during the Phase II ESA. The structure may be associated with an unidentified septic tank or stand-alone.
FD -4	2 in	metal	0 ft 3 in	N/A	N/A	N/A	A typical interior hard-piped floor drain with solid wood cover at-grade, located in the bag storage room. No sample was collected from this structure during the Phase II ESA. This structure is potentially associated with exterior subgrade drywells and/or leaches in-situ.
FD -5	N/A	N/A	N/A	N/A	N/A	N/A	A typical interior hard-piped floor drain with slotted metal cover at-grade, located in the cart storage garage of the existing clubhouse. No sample was collected from this structure during the Phase II ESA. This structure is potentially associated with exterior subgrade drywells and/or leaches in-situ.
FD-6	N/A	N/A	N/A	N/A	N/A	N/A	A typical interior hard-piped floor drain with grated metal cover at-grade, located in the shower and locker rooms of the existing clubhouse. No sample was collected from this structure during the Phase II ESA. This structure is presumably associated with the sanitary system and/or leaches in-situ.

Notes:
NA - Not Applicable / Not Available
ft - feet
in - inches
PID (ppm) - Photoionization detector reading of bottom sediment/sludge sample in parts per million

TABLE 2
UST ANALYTICAL DATA
74 FRUITLEDGE ROAD
BROOKVILLE, NEW YORK

Compound		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential	SB-9 (7' bg)		SB-2 (9' bg)		SB-4 (2' bg)		SB-5 (8' bg)		SB-11 (9' bg)		SB-13 (5' bg)		SB-18 (7' bg)	
				12/6/2018 12:00:00 PM	Q	12/6/2018 9:30:00 AM	Q	12/6/2018 12:30:00 PM	Q	12/6/2018 10:45:00 AM	Q	12/7/2018 8:10:00 AM	Q	12/7/2018 8:45:00 AM	Q	12/7/2018 2:30:00 PM	Q
Nomenclature	CAS Number	mg/Kg	mg/Kg	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1	1	1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,1,1-Trichloroethane	7155-6	0.68	100	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,1-Dichloroethane	75-34-3	0.27	19	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,2-Dibromoethane	106-93-4	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,2-Dichloroethane	107-06-2	0.02	2.3	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,2-Dichloropropane	78-87-5	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,3-Dichlorobenzene	541-73-1	2.4	17	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
1,4-Dioxane	123-91-1	0.1	9.8	0.00250	U	0.0480	U	0.0550	U	0.0520	U	0.0440	U	0.0480	U	0.0460	U
2-Butanone	78-93-3	0.12	100	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
2-Hexanone	591-78-4	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Acetone	67-64-1	0.05	100	0.0440	U	0.00480	U	0.00550	U	0.0570	U	0.00460	U	0.00480	U	0.00460	U
Acrolein	107-02-8	~	~	0.00490	U	0.00480	U	0.00550	U	0.00520	U	0.00440	U	0.00480	U	0.00460	U
Acrylonitrile	107-13-1	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Benzene	71-43-2	0.06	2.9	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Bromochloromethane	74-99-5	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Bromodichloromethane	75-27-4	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Bromoform	75-25-2	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Bromomethane	74-83-9	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Carbon disulfide	75-15-0	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Carbon tetrachloride	56-23-5	0.76	1.4	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Chlorobenzene	108-96-7	1.1	100	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Chloroethane	75-00-3	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Chloroform	67-66-3	0.37	10	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Chloromethane	74-87-3	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
cis-1,2-Dichloroethylene	156-59-2	0.25	59	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
cis-1,3-Dichloropropylene	10961-01-5	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Cyclohexane	110-82-7	~	~	0.00250	U	0.00240	U	0.00270	J	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Dibromochloromethane	124-48-1	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Dibromomethane	74-95-3	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Dichlorodifluoromethane	75-71-8	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Ethyl Benzene	100-41-4	1	30	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Hexachlorobutadiene	87-68-3	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Isopropylbenzene	98-82-8	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Methyl acetate	79-20-9	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Methyldichloroethane	108-67-2	~	~	0.00250	U	0.00240	U	0.00270	J	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Methylene chloride	75-09-2	0.05	51	0.00490	U	0.00480	U	0.00550	U	0.00520	U	0.00440	U	0.00480	U	0.00460	U
n-Butylbenzene	104-51-8	12	100	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
n-Propylbenzene	103-65-1	3.9	100	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
o-Xylene	95-47-6	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
p- & m- Xylenes	179501-23-1	~	~	0.00490	U	0.00480	U	0.00550	J	0.00520	U	0.00440	U	0.00480	U	0.00460	U
p-Isopropyltoluene	99-87-6	~	~	0.00250	U	0.00240	U	0.00270	J	0.00260	U	0.00220	U	0.00240	U	0.00230	U
sec-Butylbenzene	135-98-8	11	100	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Styrene	100-42-5	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00250	U	0.00240	U	0.00270	U	0.0150	U	0.00220	U	0.00240	U	0.00230	U
tert-Butylbenzene	98-06-6	5.9	100	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Tetrachloroethylene	127-18-4	3.3	5.5	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Toluene	108-88-3	0.7	100	0.00250	U	0.00240	U	0.00270	J	0.00260	U	0.00220	U	0.00240	U	0.00230	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Trichloroethylene	79-01-6	0.47	10	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Trichlorofluoromethane	75-69-4	~	~	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Vinyl Chloride	75-01-4	0.02	0.21	0.00250	U	0.00240	U	0.00270	U	0.00260	U	0.00220	U	0.00240	U	0.00230	U
Xylenes, Total	1330-20-7	0.26	100	0.00740	U	0.00730	U	0.									

TABLE 2
UST ANALYTICAL DATA
74 FRUITLEDGE ROAD
BROOKVILLE, NEW YORK

Compound		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	HL-1 (3'-4' hg)		HL-2 (2'-3' hg)		SB-5 (5' hg)		SB-11 (3'-4' hg)		SB-18 (4'-5' hg)	
Nomenclature	CAS Number			12/5/2018 1:00:00 PM		12/7/2018 12:20:00 PM		12/5/2018 10:30:00 AM		12/7/2018 8:00:00 AM		12/7/2018 2:25:00 PM	
Volatile Organics, B260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1	1	1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,1,3-Trichloroethane	79-00-5	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,1-Dichloroethane	75-34-3	0.27	19	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,2,4-Trimethylbenzene	95-63-6	3.6	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,2-Dibromo-3-chloropropane	96-12-8	~	47	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,2-Dibromoethane	106-93-4	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,2-Dichloroethane	107-06-2	0.02	2.3	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,2-Dichloropropane	78-87-5	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,3-Dichlorobenzene	541-73-1	2.4	17	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
1,4-Dioxane	123-91-1	0.1	9.8	0.0570	U	0.0520	U	0.0470	U	0.0510	U	0.0520	U
2-Butanone	78-93-3	0.12	100	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
2-Hexanone	591-78-6	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Acetone	67-64-1	0.05	100	0.00770	J	0.00520	U	0.0670		0.00510	U	0.00520	U
Acrolein	107-02-8	~	~	0.00570	U	0.00520	U	0.00470	U	0.00510	U	0.00520	U
Acrylonitrile	107-13-1	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Benzene	71-43-2	0.06	2.9	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Bromochloromethane	74-97-5	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Bromodichloromethane	75-27-4	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Bromoform	75-25-2	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Bromomethane	74-83-9	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Carbon disulfide	75-15-0	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Carbon tetrachloride	56-23-5	0.76	1.4	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Chlorobenzene	108-90-7	1.1	100	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Chloroethane	75-00-3	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Chloroform	67-66-3	0.37	10	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Chloromethane	74-87-3	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
cis-1,2-Dichloroethylene	156-59-2	0.25	59	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Cyclohexane	110-82-7	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Dibromochloromethane	124-48-1	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Dibromomethane	74-95-3	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Dichlorodifluoromethane	75-71-8	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Ethyl Benzene	100-41-4	1	30	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Hexachlorobutadiene	87-68-3	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Isopropylbenzene	98-82-8	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Methyl acetate	79-20-9	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Methylcyclohexane	108-87-2	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Methylene chloride	75-09-2	0.05	51	0.00570	U	0.00520	U	0.00470	U	0.00510	U	0.00520	U
n-Butylbenzene	104-51-8	12	100	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
n-Propylbenzene	103-65-1	3.9	100	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
p-Xylene	95-47-6	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
p- & m- Xylenes	179601-23-1	~	~	0.00570	U	0.00520	U	0.00470	U	0.00510	U	0.00520	U
p-isopropyltoluene	99-87-6	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
sec-Butylbenzene	135-98-8	11	100	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Styrene	100-42-5	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
tert-Butylbenzene	98-06-6	5.9	100	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Tetrachloroethylene	127-18-4	1.3	5.5	0.00530	J	0.00430	J	0.00230	U	0.00260	U	0.00260	U
Toluene	108-88-3	0.7	100	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Trichloroethylene	79-01-6	0.47	10	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Trichlorofluoromethane	75-69-4	~	~	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Vinyl Chloride	75-01-4	0.02	0.21	0.00280	U	0.00260	U	0.00230	U	0.00260	U	0.00260	U
Xylenes, Total	1330-20-7	0.26	100	0.00650	U	0.00790	U	0.00770	U	0.00770	U	0.00790	U
Semi-Volatiles, B270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		2	2	2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.103	U	0.0884	U	0.0894	U	0.0881	U	0.0869	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
1,3-Dichlorobenzene	541-73-1	2.4	17	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.103	U	0.0884	U	0.0894	U	0.0881	U	0.0869	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
2,4-Dichlorophenol	120-83-2	~	~	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
2,4-Dimethylphenol	105-67-9	~	~	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
2,4-Dinitrophenol	51-28-5	~	~	0.103	U	0.0884	U	0.0894	U	0.0881	U	0.0869	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
2-Chloronaphthalene	91-58-7	~	~	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
2-Chlorophenol	95-57-8	~	~	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
2-Methylnaphthalene	91-57-6	~	~	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U
2-Methylphenol	95-48-7	0.33	100	0.0514	U	0.0443	U	0.0448	U	0.0442	U	0.0436	U

TABLE 3
OPEN SPACE ANALYTICAL DATA
74 FRUITLEDGE ROAD
BROOKVILLE, NEW YORK

Compound		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Residential	OS-1 (0-2" bg) 12/7/2018 12:05:00 PM		OS-1 (10"-12" bg) 12/7/2018 1:00:00 PM		OS-1 (22"-24" bg) 12/7/2018 1:05:00 PM		OS-2 (0-2") 12/24/2018 12:05:00 PM		OS-2 (10"-12") 12/24/2018 12:07:00 PM		OS-2 (22"-24") 12/24/2018 12:09:00 PM		OS-3 (0-2") 12/24/2018 12:45:00 PM		OS-3 (10"-12") 12/24/2018 12:49:00 PM		OS-3 (22"-24") 12/24/2018 12:55:00 PM	
Nomenclature	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		5		5		5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
4,4'-DDE	72-55-9	0.0033	1.8	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
4,4'-DDT	50-29-3	0.0033	1.7	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
Aldrin	309-00-2	0.005	0.019	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
alpha-BHC	319-84-6	0.02	0.097	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
alpha-Chlordane	5103-71-9	0.094	0.91	0.00247	U	0.00200	U	0.0327	DP	0.0156	D	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
beta-BHC	319-85-7	0.036	0.072	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
Chlordane, total	57-74-9	~	~	0.0495	U	0.0399	U	0.110	D	0.0423	U	0.0391	U	0.0436	U	0.0392	U	0.0376	U	0.0376	U
delta-BHC	319-86-8	0.04	100	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
Dieldrin	60-57-1	0.005	0.039	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
Endosulfan I	959-98-8	2.4	4.8	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
Endosulfan II	33213-65-9	2.4	4.8	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
Endosulfan sulfate	1031-07-8	2.4	4.8	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
Endrin	72-20-8	0.014	2.2	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
Endrin aldehyde	7421-93-4	~	~	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
Endrin ketone	53494-70-5	~	~	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
gamma-Chlordane	5566-34-7	~	~	0.00247	U	0.00200	U	0.0162	D	0.00364	D	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
Heptachlor	76-44-8	0.042	0.42	0.00247	U	0.00200	U	0.00285	U	0.00211	U	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
Heptachlor epoxide	1024-57-3	~	~	0.00247	U	0.00200	U	0.00285	U	0.00362	D	0.00196	U	0.00190	U	0.00218	U	0.00196	U	0.00188	U
Methoxychlor	72-43-5	~	~	0.0124	U	0.00998	U	0.0142	U	0.0106	U	0.00978	U	0.00948	U	0.0109	U	0.00980	U	0.00941	U
Toxaphene	8001-35-2	~	~	0.125	U	0.101	U	0.144	U	0.107	U	0.0990	U	0.0959	U	0.110	U	0.0992	U	0.0952	U
Metals, RCRA		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Arsenic	7440-38-2	13	16	7.500		6.950		10		1.920	U	1.780	U	1.730	U	10.100		30.400		6.410	
Barium	7440-39-3	350	350	48.500		24.500		33.400		22.700		50.800		34.200		17.100		47.200		28.200	
Cadmium	7440-43-9	2.5	2.5	0.541		0.364	U	0.556		0.385	U	0.357	U	1.310	U	1.310		0.711		0.342	U
Chromium	7440-47-3	~	~	12.700		11.800		15		18.600		13.500		11.200		73.900		24		12.900	
Lead	7439-92-1	63	400	28.700		15.500		22.400		18.400		14.800		6.280		32		32.500		12.600	
Selenium	7782-49-2	3.9	36	3.760	U	3.040	U	4.320	U	3.210	U	2.970	U	2.880	U	3.310		2.970	U	2.850	U
Silver	7440-22-4	2	36	0.752	U	0.607	U	0.863	U	0.641	U	0.594	U	0.575	U	0.662	U	0.595	U	0.571	U
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.209		0.215		0.267		0.0570		0.0549		0.0345	U	0.706		0.455		0.104	
Total Solids		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	~	~	66.500		82.300		57.900		77.900		84.100		86.900		75.500		84.100		87.600	

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bolded/ no highlighted = elevated MDL (method detection limit)
CAS = Chemical Abstract Service
NYSDEC = New York State Department of Environmental Conservation
RCRA = Resource Conservation and Recovery Act
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=his flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~this indicates that no regulatory limit has been established for this analyte

TABLE 3
OPEN SPACE ANALYTICAL DATA
74 FRUITLEDGE ROAD
BROOKVILLE, NEW YORK

Compound		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives Residential	OS-4 (0-2") 12/24/2018 2:00:00 PM		OS-4 (10"-12") 12/24/2018 2:05:00 PM		OS-4 (22"-24") 12/24/2018 2:10:00 PM		OS-5 (0-2") 12/24/2018 2:30:00 PM		OS-5 (10"-12") 12/24/2018 2:35:00 PM		OS-5 (22"-24") 12/24/2018 2:45:00 PM		OS-6 (0-2") 12/24/2018 3:00:00 PM		OS-6 (10"-12") 12/24/2018 3:02:00 PM		OS-6 (22"-24") 12/24/2018 3:10:00 PM	
Nomenclature	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Pesticides, 8081 target list		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				5		5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	2.6	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00699	D	0.00197	U
4,4'-DDE	72-55-9	0.0033	1.8	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
4,4'-DDT	50-29-3	0.0033	1.7	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00723	D	0.00197	U
Aldrin	309-00-2	0.005	0.019	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
alpha-BHC	319-84-6	0.02	0.097	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
alpha-Chlordane	5103-71-9	0.094	0.91	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
beta-BHC	319-85-7	0.036	0.072	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
Chlordane, total	57-74-9	~	~	0.0457	U	0.0382	U	0.0341	U	0.0429	U	0.0422	U	0.0380	U	0.0481	U	0.0371	U	0.0394	U
delta-BHC	319-86-8	0.04	100	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
Dieldrin	60-57-1	0.005	0.039	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00558	D	0.00197	U
Endosulfan I	959-98-8	2.4	4.8	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
Endosulfan II	33213-65-9	2.4	4.8	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
Endosulfan sulfate	1031-07-8	2.4	4.8	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
Endrin	72-20-8	0.014	2.2	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
Endrin aldehyde	7421-93-4	~	~	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
Endrin ketone	53494-70-5	~	~	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
gamma-Chlordane	5566-34-7	~	~	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
Heptachlor	76-44-8	0.042	0.42	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
Heptachlor epoxide	1024-57-3	~	~	0.00229	U	0.00191	U	0.00171	U	0.00214	U	0.00211	U	0.00190	U	0.00240	U	0.00186	U	0.00197	U
Methoxychlor	72-43-5	~	~	0.0114	U	0.00955	U	0.00853	U	0.0107	U	0.0106	U	0.00949	U	0.0120	U	0.00928	U	0.00984	U
Toxaphene	8001-35-2	~	~	0.116	U	0.0966	U	0.0863	U	0.108	U	0.107	U	0.0961	U	0.122	U	0.0939	U	0.0996	U
Metals, RCRA		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
Arsenic	7440-38-2	13	16	23.900		17.600		1.620		20		14.200		2.530		11.200		26		1.790	U
Barium	7440-39-3	350	350	50.200		40.500		13		44.100		43.200		32.300		29.800		40.700		57.200	U
Cadmium	7440-43-9	2.5	2.5	0.417	U	0.348	U	0.311	U	0.390	U	0.384	U	0.346	U	0.437	U	0.338	U	0.358	U
Chromium	7440-47-3	~	~	19		15		10.800		15.400		16.700		15.200		11.700		11.300		21.400	U
Lead	7439-92-1	63	400	28.700		22.500		3.650		46.700		29.400		9.790		31.700		26.200		12.700	U
Selenium	7782-49-2	3.9	36	3.470	U	2.900	U	2.590	U	3.250	U	3.200	U	2.880	U	3.650	U	2.810	U	2.980	U
Silver	7440-22-4	2	36	0.695	U	0.579	U	0.519	U	0.651	U	0.640	U	0.576	U	0.729	U	0.563	U	0.597	U
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.271		0.184		0.0311	U	0.0787		0.0862		0.0448		0.124		0.180		0.0596	
Total Solids				%		%		%		%		%		%		%		%		%	
Dilution Factor				1		1		1		1		1		1		1		1		1	
% Solids	solids	~	~	72		86.300		96.400		76.800		78.100		86.800		68.600		88.800		83.800	

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bolded/ no highlighted = elevated MDL (method detection limit)
CAS = Chemical Abstract Service
NYSDEC = New York State Department of Environmental Conservation
RCRA = Resource Conservation and Recovery Act
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed
NT=this indicates the analyte was not a target for this sample
~this indicates that no regulatory limit has been established for this analyte

Attachment C

Laboratory Data



Technical Report

prepared for:

VHB

100 Motor Parkway, Suite 135

Hauppauge NY, 11788

Attention: Stephen Kaplan

Report Date: 12/20/2018

Client Project ID: 26747.00

York Project (SDG) No.: 18L0296

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
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132-02 89th AVENUE
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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 12/20/2018
Client Project ID: 26747.00
York Project (SDG) No.: 18L0296

VHB
100 Motor Parkway, Suite 135
Hauppauge NY, 11788
Attention: Stephen Kaplan

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 December 06, 2018 and listed below. The project was identified as your project: **26747.00**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
18L0296-01	ST-1	Soil	12/05/2018	12/06/2018
18L0296-02	FD-2	Soil	12/05/2018	12/06/2018
18L0296-03	DW-1	Soil	12/05/2018	12/06/2018
18L0296-04	ST-2A	Soil	12/05/2018	12/06/2018
18L0296-05	ST-2B	Soil	12/05/2018	12/06/2018
18L0296-06	CP-1	Soil	12/06/2018	12/06/2018
18L0296-07	FD-3	Soil	12/06/2018	12/06/2018
18L0296-08	FD-1	Soil	12/06/2018	12/06/2018

General Notes for York Project (SDG) No.: 18L0296

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/20/2018





Sample Information

Client Sample ID: ST-1

York Sample ID: 18L0296-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0296

26747.00

Soil

December 5, 2018 10:00 am

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
79-00-5	1,1,2-Trichloroethane	29		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 07:49	12/12/2018 21:58	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 07:49	12/12/2018 21:58	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 07:49	12/12/2018 21:58	LLJ
95-63-6	1,2,4-Trimethylbenzene	9100	CCV-E, QL-02, IS-HI	ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 21:13	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
108-67-8	1,3,5-Trimethylbenzene	3400	QL-02, IS-HI	ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 21:13	LLJ
541-73-1	1,3-Dichlorobenzene	ND	IS-HI	ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 21:13	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	210	430	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 07:49	12/12/2018 21:58	LLJ



Sample Information

Client Sample ID: ST-1

York Sample ID: 18L0296-01

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 10:00 am

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	2100	J	ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 21:13	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
67-64-1	Acetone	4300	QL-02	ug/kg dry	2100	4300	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 21:13	LLJ
107-02-8	Acrolein	ND		ug/kg dry	21	43	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
71-43-2	Benzene	68		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 07:49	12/12/2018 21:58	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
75-25-2	Bromoform	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
75-15-0	Carbon disulfide	150		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
108-90-7	Chlorobenzene	26000	QL-02	ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 21:13	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
67-66-3	Chloroform	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
110-82-7	Cyclohexane	11	J	ug/kg dry	11	21	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 07:49	12/12/2018 21:58	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 07:49	12/12/2018 21:58	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 07:49	12/12/2018 21:58	LLJ



Sample Information

Client Sample ID: ST-1

York Sample ID: 18L0296-01

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 10:00 am

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 21:58	LLJ
100-41-4	Ethyl Benzene	740		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 21:58	LLJ
98-82-8	Isopropylbenzene	85		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 21:58	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
108-87-2	Methylcyclohexane	34		ug/kg dry	11	21	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 21:58	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	21	43	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
104-51-8	n-Butylbenzene	110		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
103-65-1	n-Propylbenzene	230		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
95-47-6	o-Xylene	760		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 07:49	12/12/2018 21:58	LLJ
179601-23-1	p- & m- Xylenes	12000	QL-02	ug/kg dry	2100	4300	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/14/2018 06:00	12/14/2018 21:13	LLJ
99-87-6	p-Isopropyltoluene	5800	IS-HI, QL-02	ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 21:13	LLJ
135-98-8	sec-Butylbenzene	82		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
100-42-5	Styrene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 21:58	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
108-88-3	Toluene	58000	QL-02	ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 21:13	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH	12/12/2018 07:49	12/12/2018 21:58	LLJ



Sample Information

Client Sample ID: ST-1

York Sample ID: 18L0296-01

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

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December 5, 2018 10:00 am

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 21:58	LLJ
1330-20-7	Xylenes, Total	12000		ug/kg dry	3200	6400	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 21:13	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	92.1 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	115 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	648	1290	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
106-46-7	1,4-Dichlorobenzene	13800		ug/kg dry	325	648	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	648	1290	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW



Sample Information

Client Sample ID: ST-1

York Sample ID: 18L0296-01

York Project (SDG) No.
18L0296

Client Project ID
26747.00

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Soil

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December 5, 2018 10:00 am

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	648	1290	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
91-57-6	2-Methylnaphthalene	7040		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	648	1290	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	648	1290	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	648	1290	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	648	1290	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	648	1290	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
83-32-9	Acenaphthene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW



Sample Information

Client Sample ID: ST-1

York Sample ID: 18L0296-01

York Project (SDG) No.

18L0296

Client Project ID

26747.00

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December 5, 2018 10:00 am

Date Received

12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
62-53-3	Aniline	ND		ug/kg dry	1300	2600	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
120-12-7	Anthracene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
1912-24-9	Atrazine	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
92-87-5	Benzidine	ND		ug/kg dry	1300	2600	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
65-85-0	Benzoic acid	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
105-60-2	Caprolactam	ND		ug/kg dry	648	1290	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
86-74-8	Carbazole	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
218-01-9	Chrysene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW



Sample Information

Client Sample ID: ST-1

York Sample ID: 18L0296-01

York Project (SDG) No.

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Client Project ID

26747.00

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December 5, 2018 10:00 am

Date Received

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
206-44-0	Fluoranthene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
86-73-7	Fluorene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
78-59-1	Isophorone	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
91-20-3	Naphthalene	2510		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
85-01-8	Phenanthrene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW



Sample Information

Client Sample ID: ST-1

York Sample ID: 18L0296-01

York Project (SDG) No.
18L0296

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
129-00-0	Pyrene	ND		ug/kg dry	325	648	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 16:00	OW
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	41.5 %		20-108							
4165-62-2	Surrogate: SURR: Phenol-d5	46.5 %		23-114							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	103 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.7 %		21-113							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	86.2 %		19-110							
1718-51-0	Surrogate: SURR: Terphenyl-d14	75.4 %		24-116							

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	5.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:28	BML
7440-39-3	Barium	169		mg/kg dry	9.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:28	BML
7440-43-9	Cadmium	8.78		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:28	BML
7440-47-3	Chromium	57.5		mg/kg dry	1.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:28	BML
7439-92-1	Lead	471		mg/kg dry	1.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:28	BML
7782-49-2	Selenium	ND		mg/kg dry	9.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:28	BML
7440-22-4	Silver	ND		mg/kg dry	1.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:28	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	4.44		mg/kg dry	0.117	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/10/2018 10:19	12/10/2018 12:53	SY



Sample Information

Client Sample ID: ST-1

York Sample ID: 18L0296-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0296

26747.00

Soil

December 5, 2018 10:00 am

12/06/2018

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	25.6		%	0.100	1	SM 2540G Certifications: CTDOH	12/10/2018 17:14	12/11/2018 12:31	TJM

Sample Information

Client Sample ID: FD-2

York Sample ID: 18L0296-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0296

26747.00

Soil

December 5, 2018 12:00 pm

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 22:30	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 07:49	12/12/2018 22:30	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 22:30	LLJ
95-63-6	1,2,4-Trimethylbenzene	4.5	J	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ



Sample Information

Client Sample ID: FD-2

York Sample ID: 18L0296-02

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 12:00 pm

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 22:30	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
67-64-1	Acetone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 22:30	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ



Sample Information

Client Sample ID: FD-2

York Sample ID: 18L0296-02

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 12:00 pm

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 22:30	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 22:30	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 22:30	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 22:30	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 22:30	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 22:30	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 22:30	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 07:49	12/12/2018 22:30	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 07:49	12/12/2018 22:30	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ



Sample Information

Client Sample ID: FD-2

York Sample ID: 18L0296-02

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 12:00 pm

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 07:49	12/12/2018 22:30	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
108-88-3	Toluene	3.9	J	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH	12/12/2018 07:49	12/12/2018 22:30	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 07:49	12/12/2018 22:30	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	115 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW



Sample Information

Client Sample ID: FD-2

York Sample ID: 18L0296-02

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 12:00 pm

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW



Sample Information

Client Sample ID: FD-2

York Sample ID: 18L0296-02

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 12:00 pm

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
83-32-9	Acenaphthene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
98-86-2	Acetophenone	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
62-53-3	Aniline	ND		ug/kg dry	176	351	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
120-12-7	Anthracene	57.5	J	ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
1912-24-9	Atrazine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
92-87-5	Benzidine	ND		ug/kg dry	176	351	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
56-55-3	Benzo(a)anthracene	246		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
50-32-8	Benzo(a)pyrene	290		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
205-99-2	Benzo(b)fluoranthene	332		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
191-24-2	Benzo(g,h,i)perylene	359		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
207-08-9	Benzo(k)fluoranthene	278		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
65-85-0	Benzoic acid	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW



Sample Information

Client Sample ID: FD-2

York Sample ID: 18L0296-02

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 12:00 pm

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	135		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
117-81-7	Bis(2-ethylhexyl)phthalate	648		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
105-60-2	Caprolactam	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
86-74-8	Carbazole	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
218-01-9	Chrysene	287		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
53-70-3	Dibenzo(a,h)anthracene	76.4	J	ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
206-44-0	Fluoranthene	456		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
86-73-7	Fluorene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
193-39-5	Indeno(1,2,3-cd)pyrene	281		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
78-59-1	Isophorone	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW



Sample Information

Client Sample ID: FD-2

York Sample ID: 18L0296-02

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 12:00 pm

Date Received

12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
85-01-8	Phenanthrene	185		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
108-95-2	Phenol	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
129-00-0	Pyrene	394		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 16:32	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	38.4 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	40.8 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	65.4 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.2 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	110 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	83.3 %	24-116								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.90		mg/kg dry	1.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:30	BML
7440-39-3	Barium	17.1		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:30	BML
7440-43-9	Cadmium	0.473		mg/kg dry	0.315	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:30	BML
7440-47-3	Chromium	9.89		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:30	BML
7439-92-1	Lead	13.3		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:30	BML
7782-49-2	Selenium	ND		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:30	BML



Sample Information

Client Sample ID: FD-2

York Sample ID: 18L0296-02

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 12:00 pm

Date Received

12/06/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.526	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:30	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0808		mg/kg dry	0.0315	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/10/2018 10:19	12/10/2018 13:06	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/10/2018 17:14	12/11/2018 12:31	TJM

Sample Information

Client Sample ID: DW-1

York Sample ID: 18L0296-03

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 1:30 pm

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

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	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
71-55-6	1,1,1-Trichloroethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
79-00-5	1,1,2-Trichloroethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
75-34-3	1,1-Dichloroethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ



Sample Information

Client Sample ID: DW-1

York Sample ID: 18L0296-03

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 1:30 pm

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/18/2018 09:00	12/18/2018 18:37	LLJ
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/18/2018 09:00	12/18/2018 18:37	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/18/2018 09:00	12/18/2018 18:37	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
106-93-4	1,2-Dibromoethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
107-06-2	1,2-Dichloroethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
78-87-5	1,2-Dichloropropane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
123-91-1	1,4-Dioxane	ND	IS-LO	ug/kg dry	79	160	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/18/2018 09:00	12/18/2018 18:37	LLJ
78-93-3	2-Butanone	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
591-78-6	2-Hexanone	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
108-10-1	4-Methyl-2-pentanone	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
67-64-1	Acetone	ND	IS-LO	ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
107-02-8	Acrolein	ND	IS-LO	ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
107-13-1	Acrylonitrile	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
71-43-2	Benzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ



Sample Information

Client Sample ID: DW-1

York Sample ID: 18L0296-03

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 1:30 pm

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/18/2018 09:00	12/18/2018 18:37	LLJ
75-27-4	Bromodichloromethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
75-25-2	Bromoform	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
74-83-9	Bromomethane	14	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
75-15-0	Carbon disulfide	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
56-23-5	Carbon tetrachloride	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
108-90-7	Chlorobenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
75-00-3	Chloroethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
67-66-3	Chloroform	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
74-87-3	Chloromethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
110-82-7	Cyclohexane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/18/2018 09:00	12/18/2018 18:37	LLJ
124-48-1	Dibromochloromethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/18/2018 09:00	12/18/2018 18:37	LLJ
74-95-3	Dibromomethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/18/2018 09:00	12/18/2018 18:37	LLJ
75-71-8	Dichlorodifluoromethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/18/2018 09:00	12/18/2018 18:37	LLJ
100-41-4	Ethyl Benzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/18/2018 09:00	12/18/2018 18:37	LLJ
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
79-20-9	Methyl acetate	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/18/2018 09:00	12/18/2018 18:37	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ



Sample Information

Client Sample ID: DW-1

York Sample ID: 18L0296-03

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 1:30 pm

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

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
108-87-2	Methylcyclohexane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/18/2018 09:00	12/18/2018 18:37	LLJ
75-09-2	Methylene chloride	ND	IS-LO	ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
95-47-6	o-Xylene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/18/2018 09:00	12/18/2018 18:37	LLJ
179601-23-1	p- & m- Xylenes	ND	IS-LO	ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/18/2018 09:00	12/18/2018 18:37	LLJ
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
100-42-5	Styrene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/18/2018 09:00	12/18/2018 18:37	LLJ
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
127-18-4	Tetrachloroethylene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
108-88-3	Toluene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH	12/18/2018 09:00	12/18/2018 18:37	LLJ
79-01-6	Trichloroethylene	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
75-69-4	Trichlorofluoromethane	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
75-01-4	Vinyl Chloride	ND	IS-LO	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
1330-20-7	Xylenes, Total	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 09:00	12/18/2018 18:37	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	119 %	IS-LO	77-125							



Sample Information

Client Sample ID: DW-1

York Sample ID: 18L0296-03

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
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Collection Date/Time
December 5, 2018 1:30 pm

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	96.4 %	IS-LO		85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	123 %	IS-LO		76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	133	265	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	133	265	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	133	265	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW



Sample Information

Client Sample ID: DW-1

York Sample ID: 18L0296-03

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 1:30 pm

Date Received

12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	133	265	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	133	265	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	133	265	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	133	265	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	133	265	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
83-32-9	Acenaphthene	155		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
98-86-2	Acetophenone	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
62-53-3	Aniline	ND		ug/kg dry	265	531	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
120-12-7	Anthracene	828		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
1912-24-9	Atrazine	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
92-87-5	Benzidine	ND		ug/kg dry	265	531	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW



Sample Information

Client Sample ID: DW-1

York Sample ID: 18L0296-03

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 1:30 pm

Date Received

12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	3820		ug/kg dry	332	663	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/18/2018 12:49	OW
50-32-8	Benzo(a)pyrene	3650		ug/kg dry	332	663	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/18/2018 12:49	OW
205-99-2	Benzo(b)fluoranthene	4680		ug/kg dry	332	663	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/18/2018 12:49	OW
191-24-2	Benzo(g,h,i)perylene	4170		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
207-08-9	Benzo(k)fluoranthene	3390		ug/kg dry	332	663	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/18/2018 12:49	OW
65-85-0	Benzoic acid	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
85-68-7	Benzy l butyl phthalate	98.6	J	ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
117-81-7	Bis(2-ethylhexyl)phthalate	1200		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
105-60-2	Caprolactam	ND		ug/kg dry	133	265	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
86-74-8	Carbazole	446		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
218-01-9	Chrysene	4630		ug/kg dry	332	663	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/18/2018 12:49	OW
53-70-3	Dibenzo(a,h)anthracene	1550		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
206-44-0	Fluoranthene	11400		ug/kg dry	332	663	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/18/2018 12:49	OW



Sample Information

Client Sample ID: DW-1

York Sample ID: 18L0296-03

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 1:30 pm

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	176		ug/kg dry	66.4	133	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
193-39-5	Indeno(1,2,3-cd)pyrene	4030		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
78-59-1	Isophorone	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
91-20-3	Naphthalene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
85-01-8	Phenanthrene	3920		ug/kg dry	332	663	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/18/2018 12:49	OW
108-95-2	Phenol	ND		ug/kg dry	66.4	133	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:03	OW
129-00-0	Pyrene	6580		ug/kg dry	332	663	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/18/2018 12:49	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	35.8 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	38.8 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	63.3 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	42.6 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	98.3 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.7 %	24-116								



Sample Information

Client Sample ID: DW-1

York Sample ID: 18L0296-03

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 1:30 pm

Date Received

12/06/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.45		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:32	BML
7440-39-3	Barium	35.4		mg/kg dry	3.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:32	BML
7440-43-9	Cadmium	0.878		mg/kg dry	0.477	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:32	BML
7440-47-3	Chromium	18.8		mg/kg dry	0.795	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:32	BML
7439-92-1	Lead	44.0		mg/kg dry	0.795	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:32	BML
7782-49-2	Selenium	ND		mg/kg dry	3.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:32	BML
7440-22-4	Silver	ND		mg/kg dry	0.795	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:32	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.687		mg/kg dry	0.0477	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/10/2018 10:19	12/10/2018 13:14	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	62.9		%	0.100	1	SM 2540G Certifications: CTDOH	12/10/2018 17:14	12/11/2018 12:31	TJM

Sample Information

Client Sample ID: ST-2A

York Sample ID: 18L0296-04

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 2:45 pm

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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



Sample Information

Client Sample ID: ST-2A

York Sample ID: 18L0296-04

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 2:45 pm

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:06	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/14/2018 06:00	12/14/2018 22:06	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:06	LLJ
95-63-6	1,2,4-Trimethylbenzene	1200	CCV-E , QL-02	ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
108-67-8	1,3,5-Trimethylbenzene	440	J, QL-02	ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
106-46-7	1,4-Dichlorobenzene	26000		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	7600	15000	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:06	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ



Sample Information

Client Sample ID: ST-2A

York Sample ID: 18L0296-04

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 2:45 pm

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
67-64-1	Acetone	ND		ug/kg dry	760	1500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
107-02-8	Acrolein	ND		ug/kg dry	760	1500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
71-43-2	Benzene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:06	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
75-25-2	Bromoform	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
74-83-9	Bromomethane	900		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
108-90-7	Chlorobenzene	740	J, QL-02	ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
67-66-3	Chloroform	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
74-87-3	Chloromethane	590	J	ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:06	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:06	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:06	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:06	LLJ



Sample Information

Client Sample ID: ST-2A

York Sample ID: 18L0296-04

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 2:45 pm

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:06	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
79-20-9	Methyl acetate	800	CCV-E	ug/kg dry	380	760	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:06	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:06	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	760	1500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/14/2018 06:00	12/14/2018 22:06	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	760	1500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/14/2018 06:00	12/14/2018 22:06	LLJ
99-87-6	p-Isopropyltoluene	13000	QL-02	ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
100-42-5	Styrene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:06	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
108-88-3	Toluene	3600	QL-02	ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH	12/14/2018 06:00	12/14/2018 22:06	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ



Sample Information

Client Sample ID: ST-2A

York Sample ID: 18L0296-04

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 2:45 pm

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	380	760	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	1100	2300	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:06	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.2 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	93.9 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.6 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	277		ug/kg dry	63.5	127	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	127	253	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	124	J	ug/kg dry	63.5	127	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	127	253	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	127	253	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW



Sample Information

Client Sample ID: ST-2A

York Sample ID: 18L0296-04

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 2:45 pm

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
91-57-6	2-Methylnaphthalene	1310		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	127	253	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	127	253	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	127	253	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	127	253	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	127	253	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
83-32-9	Acenaphthene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
98-86-2	Acetophenone	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
62-53-3	Aniline	ND		ug/kg dry	254	507	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW



Sample Information

Client Sample ID: ST-2A

York Sample ID: 18L0296-04

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 2:45 pm

Date Received

12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
1912-24-9	Atrazine	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
92-87-5	Benzidine	ND		ug/kg dry	254	507	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
56-55-3	Benzo(a)anthracene	97.2	J	ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
50-32-8	Benzo(a)pyrene	112	J	ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
205-99-2	Benzo(b)fluoranthene	105	J	ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
191-24-2	Benzo(g,h,i)perylene	82.0	J	ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
207-08-9	Benzo(k)fluoranthene	96.2	J	ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
65-85-0	Benzoic acid	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
117-81-7	Bis(2-ethylhexyl)phthalate	732		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
105-60-2	Caprolactam	ND		ug/kg dry	127	253	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
86-74-8	Carbazole	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
218-01-9	Chrysene	101	J	ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW



Sample Information

Client Sample ID: ST-2A

York Sample ID: 18L0296-04

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 2:45 pm

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
117-84-0	Di-n-octyl phthalate	82.0	J	ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
206-44-0	Fluoranthene	225		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
86-73-7	Fluorene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
193-39-5	Indeno(1,2,3-cd)pyrene	121	J	ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
78-59-1	Isophorone	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
91-20-3	Naphthalene	2250		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
85-01-8	Phenanthrene	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
108-95-2	Phenol	ND		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
129-00-0	Pyrene	155		ug/kg dry	63.5	127	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 17:36	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURRE: 2-Fluorophenol	34.5 %	20-108								
4165-62-2	Surrogate: SURRE: Phenol-d5	35.0 %	23-114								



Sample Information

Client Sample ID: ST-2A

York Sample ID: 18L0296-04

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 2:45 pm

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	61.8 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.2 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	103 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.4 %			24-116						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:34	BML
7440-39-3	Barium	30.2		mg/kg dry	3.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:34	BML
7440-43-9	Cadmium	0.481		mg/kg dry	0.457	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:34	BML
7440-47-3	Chromium	13.0		mg/kg dry	0.762	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:34	BML
7439-92-1	Lead	37.7		mg/kg dry	0.762	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:34	BML
7782-49-2	Selenium	ND		mg/kg dry	3.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:34	BML
7440-22-4	Silver	ND		mg/kg dry	0.762	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:34	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.144		mg/kg dry	0.0457	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/10/2018 10:19	12/10/2018 13:22	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	65.6		%	0.100	1	SM 2540G Certifications: CTDOH	12/10/2018 17:14	12/11/2018 12:31	TJM



Sample Information

Client Sample ID: ST-2B

York Sample ID: 18L0296-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0296

26747.00

Soil

December 5, 2018 3:45 pm

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:59	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/14/2018 06:00	12/14/2018 22:59	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:59	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
106-46-7	1,4-Dichlorobenzene	1500	J	ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	21000	43000	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:59	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ



Sample Information

Client Sample ID: ST-2B

York Sample ID: 18L0296-05

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 3:45 pm

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
67-64-1	Acetone	ND		ug/kg dry	2100	4300	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
107-02-8	Acrolein	ND		ug/kg dry	2100	4300	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
71-43-2	Benzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:59	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
75-25-2	Bromoform	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
74-83-9	Bromomethane	3000		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
67-66-3	Chloroform	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
74-87-3	Chloromethane	1800	J	ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:59	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:59	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:59	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:59	LLJ



Sample Information

Client Sample ID: ST-2B

York Sample ID: 18L0296-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0296

26747.00

Soil

December 5, 2018 3:45 pm

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:59	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
79-20-9	Methyl acetate	1900	J, CCV-E	ug/kg dry	1100	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:59	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:59	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	2100	4300	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/14/2018 06:00	12/14/2018 22:59	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2100	4300	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/14/2018 06:00	12/14/2018 22:59	LLJ
99-87-6	p-Isopropyltoluene	ND	QL-02	ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
100-42-5	Styrene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/14/2018 06:00	12/14/2018 22:59	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
108-88-3	Toluene	1100	J, QL-02	ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH	12/14/2018 06:00	12/14/2018 22:59	LLJ



Sample Information

Client Sample ID: ST-2B

York Sample ID: 18L0296-05

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 3:45 pm

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	3200	6400	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/14/2018 06:00	12/14/2018 22:59	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	98.7 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	91.1 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	92.1 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	532	1060	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
106-46-7	1,4-Dichlorobenzene	583		ug/kg dry	267	532	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	532	1060	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW



Sample Information

Client Sample ID: ST-2B

York Sample ID: 18L0296-05

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 3:45 pm

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	532	1060	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	532	1060	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	532	1060	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	532	1060	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	532	1060	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	532	1060	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
83-32-9	Acenaphthene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW



Sample Information

Client Sample ID: ST-2B

York Sample ID: 18L0296-05

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 3:45 pm

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
62-53-3	Aniline	ND		ug/kg dry	1070	2130	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
120-12-7	Anthracene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
1912-24-9	Atrazine	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
92-87-5	Benzidine	ND		ug/kg dry	1070	2130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
65-85-0	Benzoic acid	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
105-60-2	Caprolactam	ND		ug/kg dry	532	1060	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
86-74-8	Carbazole	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
218-01-9	Chrysene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW



Sample Information

Client Sample ID: ST-2B

York Sample ID: 18L0296-05

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 3:45 pm

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
206-44-0	Fluoranthene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
86-73-7	Fluorene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
78-59-1	Isophorone	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
91-20-3	Naphthalene	281	J	ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
85-01-8	Phenanthrene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW



Sample Information

Client Sample ID: ST-2B

York Sample ID: 18L0296-05

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 5, 2018 3:45 pm

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
129-00-0	Pyrene	ND		ug/kg dry	267	532	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:07	OW
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	33.6 %		20-108							
4165-62-2	Surrogate: SURR: Phenol-d5	36.4 %		23-114							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	59.3 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	43.8 %		21-113							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	100 %		19-110							
1718-51-0	Surrogate: SURR: Terphenyl-d14	79.3 %		24-116							

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	6.38	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:37	BML
7440-39-3	Barium	55.2		mg/kg dry	10.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:37	BML
7440-43-9	Cadmium	ND		mg/kg dry	1.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:37	BML
7440-47-3	Chromium	20.0		mg/kg dry	2.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:37	BML
7439-92-1	Lead	87.0		mg/kg dry	2.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:37	BML
7782-49-2	Selenium	ND		mg/kg dry	10.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:37	BML
7440-22-4	Silver	ND		mg/kg dry	2.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2018 10:28	12/10/2018 17:37	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.947		mg/kg dry	0.128	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/10/2018 10:19	12/10/2018 13:31	SY



Sample Information

Client Sample ID: ST-2B

York Sample ID: 18L0296-05

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 5, 2018 3:45 pm

Date Received

12/06/2018

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	23.5		%	0.100	1	SM 2540G Certifications: CTDOH	12/10/2018 17:14	12/11/2018 12:31	TJM

Sample Information

Client Sample ID: CP-1

York Sample ID: 18L0296-06

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 8:00 am

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	120	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 17:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 14:50	SS
96-18-4	1,2,3-Trichloropropane	89	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/20/2018 07:30	12/20/2018 17:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 14:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	5100	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 17:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS



Sample Information

Client Sample ID: CP-1

York Sample ID: 18L0296-06

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 8:00 am

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
107-06-2	1,2-Dichloroethane	17	J	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 17:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	240	480	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 14:50	SS
78-93-3	2-Butanone	320	CCV-E	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 17:03	SS
591-78-6	2-Hexanone	170		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 17:03	SS
108-10-1	4-Methyl-2-pentanone	26		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 17:03	SS
67-64-1	Acetone	720	CCV-E	ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 17:03	SS
107-02-8	Acrolein	47	J	ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 17:03	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
71-43-2	Benzene	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 14:50	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
75-25-2	Bromoform	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
74-83-9	Bromomethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
75-15-0	Carbon disulfide	73		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 17:03	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
75-00-3	Chloroethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS



Sample Information

Client Sample ID: CP-1

York Sample ID: 18L0296-06

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 8:00 am

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
74-87-3	Chloromethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
110-82-7	Cyclohexane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 14:50	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 14:50	SS
74-95-3	Dibromomethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 14:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 14:50	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 14:50	SS
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
79-20-9	Methyl acetate	23	J	ug/kg dry	12	24	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 17:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 14:50	SS
75-09-2	Methylene chloride	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
104-51-8	n-Butylbenzene	16	J, IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 17:03	SS
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
95-47-6	o-Xylene	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/20/2018 07:30	12/20/2018 14:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/20/2018 07:30	12/20/2018 14:50	SS
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
100-42-5	Styrene	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS



Sample Information

Client Sample ID: CP-1

York Sample ID: 18L0296-06

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 8:00 am

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	13	J	ug/kg dry	12	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 17:03	SS
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
108-88-3	Toluene	29		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 17:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND	IS-LO	ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH	12/20/2018 07:30	12/20/2018 14:50	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	12	24	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	36	72	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 14:50	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	117 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	112 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	150 %	IS-LO, S-09			76-130					

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	476	951	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW



Sample Information

Client Sample ID: CP-1

York Sample ID: 18L0296-06

York Project (SDG) No.

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Soil

December 6, 2018 8:00 am

12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	476	951	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	476	951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	476	951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	476	951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	476	951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW



Sample Information

Client Sample ID: CP-1

York Sample ID: 18L0296-06

York Project (SDG) No.
18L0296

Client Project ID
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12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	476	951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	476	951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
83-32-9	Acenaphthene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
98-86-2	Acetophenone	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
62-53-3	Aniline	ND		ug/kg dry	953	1910	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
120-12-7	Anthracene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
1912-24-9	Atrazine	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
92-87-5	Benzidine	ND		ug/kg dry	953	1910	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
65-85-0	Benzoic acid	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW



Sample Information

Client Sample ID: CP-1

York Sample ID: 18L0296-06

York Project (SDG) No.

18L0296

Client Project ID

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December 6, 2018 8:00 am

Date Received

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
117-81-7	Bis(2-ethylhexyl)phthalate	25300		ug/kg dry	1190	2380	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/18/2018 13:20	OW
105-60-2	Caprolactam	ND		ug/kg dry	476	951	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
86-74-8	Carbazole	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
218-01-9	Chrysene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
206-44-0	Fluoranthene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
86-73-7	Fluorene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
78-59-1	Isophorone	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW



Sample Information

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
85-01-8	Phenanthrene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
108-95-2	Phenol	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
129-00-0	Pyrene	ND		ug/kg dry	239	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 07:08	12/17/2018 18:39	OW
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	34.6 %				20-108					
4165-62-2	Surrogate: SURR: Phenol-d5	43.5 %				23-114					
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	87.5 %				22-108					
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	59.3 %				21-113					
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	111 %	S-08			19-110					
1718-51-0	Surrogate: SURR: Terphenyl-d14	68.8 %				24-116					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	5.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:52	KML
7440-39-3	Barium	129		mg/kg dry	9.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:52	KML
7440-43-9	Cadmium	2.74		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:52	KML
7440-47-3	Chromium	37.4		mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:52	KML
7439-92-1	Lead	68.6		mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:52	KML
7782-49-2	Selenium	ND		mg/kg dry	9.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:52	KML



Sample Information

Client Sample ID: CP-1

York Sample ID: 18L0296-06

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 8:00 am

Date Received

12/06/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	2.75		mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:52	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.04		mg/kg dry	0.114	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/10/2018 10:19	12/10/2018 13:40	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	26.3		%	0.100	1	SM 2540G Certifications: CTDOH	12/10/2018 17:14	12/11/2018 12:31	TJM

Sample Information

Client Sample ID: FD-3

York Sample ID: 18L0296-07

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 9:45 am

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS



Sample Information

Client Sample ID: FD-3

York Sample ID: 18L0296-07

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 9:45 am

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/20/2018 07:30	12/20/2018 15:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	78	160	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:16	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
67-64-1	Acetone	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
107-02-8	Acrolein	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
71-43-2	Benzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS



Sample Information

Client Sample ID: FD-3

York Sample ID: 18L0296-07

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 9:45 am

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:16	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
75-25-2	Bromoform	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
67-66-3	Chloroform	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
110-82-7	Cyclohexane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:16	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:16	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:16	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:16	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS



Sample Information

Client Sample ID: FD-3

York Sample ID: 18L0296-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0296

26747.00

Soil

December 6, 2018 9:45 am

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:16	SS
75-09-2	Methylene chloride	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/20/2018 07:30	12/20/2018 15:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/20/2018 07:30	12/20/2018 15:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
100-42-5	Styrene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
75-65-0	tert-Butyl alcohol (TBA)	15	J	ug/kg dry	3.9	39	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:16	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
108-88-3	Toluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH	12/20/2018 07:30	12/20/2018 15:16	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:16	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	110 %	77-125								



Sample Information

Client Sample ID: FD-3

York Sample ID: 18L0296-07

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 9:45 am

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	116 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW



Sample Information

Client Sample ID: FD-3

York Sample ID: 18L0296-07

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 9:45 am

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
83-32-9	Acenaphthene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
208-96-8	Acenaphthylene	54.8	J	ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
98-86-2	Acetophenone	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
62-53-3	Aniline	ND		ug/kg dry	181	361	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
120-12-7	Anthracene	82.3	J	ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
1912-24-9	Atrazine	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
92-87-5	Benzidine	ND		ug/kg dry	181	361	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW



Sample Information

Client Sample ID: FD-3

York Sample ID: 18L0296-07

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 9:45 am

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	250		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
50-32-8	Benzo(a)pyrene	333		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
205-99-2	Benzo(b)fluoranthene	351		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
191-24-2	Benzo(g,h,i)perylene	373		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
207-08-9	Benzo(k)fluoranthene	344		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
65-85-0	Benzoic acid	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
85-68-7	Benzyl butyl phthalate	115		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
117-81-7	Bis(2-ethylhexyl)phthalate	646		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
105-60-2	Caprolactam	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
86-74-8	Carbazole	49.1	J	ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
218-01-9	Chrysene	338		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
53-70-3	Dibenzo(a,h)anthracene	109		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
206-44-0	Fluoranthene	515		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW



Sample Information

Client Sample ID: FD-3

York Sample ID: 18L0296-07

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 9:45 am

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
193-39-5	Indeno(1,2,3-cd)pyrene	300		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
78-59-1	Isophorone	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
91-20-3	Naphthalene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
85-01-8	Phenanthrene	266		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
108-95-2	Phenol	ND		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
129-00-0	Pyrene	399		ug/kg dry	45.2	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:11	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	25.2 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	26.4 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	35.8 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	38.2 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	79.7 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	46.9 %	24-116								



Sample Information

Client Sample ID: FD-3

York Sample ID: 18L0296-07

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 9:45 am

Date Received
12/06/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.03		mg/kg dry	1.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:55	KML
7440-39-3	Barium	122		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:55	KML
7440-43-9	Cadmium	2.33		mg/kg dry	0.326	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:55	KML
7440-47-3	Chromium	40.5		mg/kg dry	0.543	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:55	KML
7439-92-1	Lead	131		mg/kg dry	0.543	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:55	KML
7782-49-2	Selenium	ND		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:55	KML
7440-22-4	Silver	ND		mg/kg dry	0.543	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:55	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.174		mg/kg dry	0.0326	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/10/2018 10:19	12/10/2018 13:52	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/10/2018 17:14	12/11/2018 12:31	TJM

Sample Information

Client Sample ID: FD-1

York Sample ID: 18L0296-08

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 12:00 pm

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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



Sample Information

Client Sample ID: FD-1

York Sample ID: 18L0296-08

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:00 pm

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/20/2018 07:30	12/20/2018 15:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:43	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS



Sample Information

Client Sample ID: FD-1

York Sample ID: 18L0296-08

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:00 pm

Date Received

12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
67-64-1	Acetone	63	CCV-E	ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
71-43-2	Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:43	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
75-25-2	Bromoform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
67-66-3	Chloroform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:43	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:43	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:43	SS



Sample Information

Client Sample ID: FD-1

York Sample ID: 18L0296-08

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 12:00 pm

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:43	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:43	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/20/2018 07:30	12/20/2018 15:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/20/2018 07:30	12/20/2018 15:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
100-42-5	Styrene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
75-65-0	tert-Butyl alcohol (TBA)	14	J	ug/kg dry	3.0	30	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/20/2018 07:30	12/20/2018 15:43	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
108-88-3	Toluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS



Sample Information

Client Sample ID: FD-1

York Sample ID: 18L0296-08

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 12:00 pm

Date Received
12/06/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH	12/20/2018 07:30	12/20/2018 15:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.9	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/20/2018 07:30	12/20/2018 15:43	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW



Sample Information

Client Sample ID: FD-1

York Sample ID: 18L0296-08

York Project (SDG) No.
18L0296

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 12:00 pm

Date Received
12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
83-32-9	Acenaphthene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW



Sample Information

Client Sample ID: FD-1

York Sample ID: 18L0296-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0296

26747.00

Soil

December 6, 2018 12:00 pm

12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
98-86-2	Acetophenone	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
62-53-3	Aniline	ND		ug/kg dry	186	371	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
120-12-7	Anthracene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
1912-24-9	Atrazine	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
92-87-5	Benzidine	ND		ug/kg dry	186	371	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
56-55-3	Benzo(a)anthracene	95.5		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
50-32-8	Benzo(a)pyrene	155		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
205-99-2	Benzo(b)fluoranthene	123		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
191-24-2	Benzo(g,h,i)perylene	133		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
207-08-9	Benzo(k)fluoranthene	141		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
65-85-0	Benzoic acid	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
85-68-7	Benzyl butyl phthalate	327		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
117-81-7	Bis(2-ethylhexyl)phthalate	228		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
105-60-2	Caprolactam	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
86-74-8	Carbazole	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
218-01-9	Chrysene	114		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW



Sample Information

Client Sample ID: FD-1

York Sample ID: 18L0296-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0296

26747.00

Soil

December 6, 2018 12:00 pm

12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
206-44-0	Fluoranthene	156		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
86-73-7	Fluorene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
193-39-5	Indeno(1,2,3-cd)pyrene	133		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
78-59-1	Isophorone	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
91-20-3	Naphthalene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
85-01-8	Phenanthrene	63.0	J	ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
108-95-2	Phenol	ND		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW



Sample Information

Client Sample ID: FD-1

York Sample ID: 18L0296-08

York Project (SDG) No.

18L0296

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:00 pm

Date Received

12/06/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	150		ug/kg dry	46.4	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:45	12/17/2018 19:43	OW
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	37.8 %		20-108							
4165-62-2	Surrogate: SURR: Phenol-d5	39.8 %		23-114							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	54.6 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	36.0 %		21-113							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	77.6 %		19-110							
1718-51-0	Surrogate: SURR: Terphenyl-d14	54.7 %		24-116							

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:57	KML
7440-39-3	Barium	15.8		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:57	KML
7440-43-9	Cadmium	0.410		mg/kg dry	0.335	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:57	KML
7440-47-3	Chromium	8.33		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:57	KML
7439-92-1	Lead	22.8		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:57	KML
7782-49-2	Selenium	6.02		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:57	KML
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/10/2018 10:32	12/13/2018 17:57	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0741		mg/kg dry	0.0335	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/10/2018 10:19	12/10/2018 14:00	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

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



Sample Information

Client Sample ID: FD-1

York Sample ID: 18L0296-08

York Project (SDG) No.

Client Project ID

Matrix

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18L0296

26747.00

Soil

December 6, 2018 12:00 pm

12/06/2018

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.5		%	0.100	1	SM 2540G Certifications: CTDOH	12/10/2018 17:14	12/11/2018 12:31	TJM



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18L0296-01	ST-1	40mL Vial with Stir Bar-Cool 4° C
18L0296-02	FD-2	40mL Vial with Stir Bar-Cool 4° C
18L0296-03	DW-1	40mL 01_Clear Vial Cool to 4° C
18L0296-04	ST-2A	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
18L0296-05	ST-2B	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
18L0296-06	CP-1	40mL Vial with Stir Bar-Cool 4° C
18L0296-07	FD-3	40mL Vial with Stir Bar-Cool 4° C
18L0296-08	FD-1	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
S-08	The recovery of this surrogate was outside of QC limits.
QL-06	Compound was below 10% recovery due to degradation of compound in spiking mixture. All calibration criteria has been met.
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-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-CRL	The RL check for this element recovered outside of control limits.
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.
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.
IS-HI	The internal std associated with this target compound did not meet acceptance criteria (area >200% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
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.



18L0796

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.

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[illegible]



Technical Report

prepared for:

VHB

100 Motor Parkway, Suite 135

Hauppauge NY, 11788

Attention: Stephen Kaplan

Report Date: 12/17/2018

Client Project ID: 26747.00

York Project (SDG) No.: 18L0324

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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Report Date: 12/17/2018
Client Project ID: 26747.00
York Project (SDG) No.: 18L0324

VHB
100 Motor Parkway, Suite 135
Hauppauge NY, 11788
Attention: Stephen Kaplan

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 December 07, 2018 and listed below. The project was identified as your project: **26747.00**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
18L0324-01	HL-1 (3'-4'bg)	Soil	12/06/2018	12/07/2018
18L0324-02	SB-9 (7'bg)	Soil	12/06/2018	12/07/2018

General Notes for York Project (SDG) No.: 18L0324

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/17/2018





Sample Information

Client Sample ID: HL-1 (3'-4'bg)

York Sample ID: 18L0324-01

York Project (SDG) No.

18L0324

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 1:00 pm

Date Received

12/07/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/13/2018 07:30	12/13/2018 21:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:16	SS



Sample Information

Client Sample ID: HL-1 (3'-4'bg)

York Sample ID: 18L0324-01

York Project (SDG) No.

18L0324

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

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Date Received

12/07/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
67-64-1	Acetone	7.7	CCV-E , J	ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:16	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:16	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:16	SS



Sample Information

Client Sample ID: HL-1 (3'-4'bg)

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:16	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:16	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:16	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/13/2018 07:30	12/13/2018 21:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/13/2018 07:30	12/13/2018 21:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	28	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:16	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
127-18-4	Tetrachloroethylene	5.3	CCV-E , J	ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS



Sample Information

Client Sample ID: HL-1 (3'-4'bg)

York Sample ID: 18L0324-01

York Project (SDG) No.

18L0324

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Soil

Collection Date/Time

December 6, 2018 1:00 pm

Date Received

12/07/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH	12/13/2018 07:30	12/13/2018 21:16	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:16	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	105 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	122 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW



Sample Information

Client Sample ID: HL-1 (3'-4'bg)

York Sample ID: 18L0324-01

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Soil

December 6, 2018 1:00 pm

12/07/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW



Sample Information

Client Sample ID: HL-1 (3'-4'bg)

York Sample ID: 18L0324-01

York Project (SDG) No.

18L0324

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 1:00 pm

Date Received

12/07/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
98-86-2	Acetophenone	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
62-53-3	Aniline	ND		ug/kg dry	205	411	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
120-12-7	Anthracene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
1912-24-9	Atrazine	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
92-87-5	Benzidine	ND		ug/kg dry	205	411	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
65-85-0	Benzoic acid	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
105-60-2	Caprolactam	ND		ug/kg dry	103	205	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW



Sample Information

Client Sample ID: HL-1 (3'-4'bg)

York Sample ID: 18L0324-01

York Project (SDG) No.

18L0324

Client Project ID

26747.00

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Soil

Collection Date/Time

December 6, 2018 1:00 pm

Date Received

12/07/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
218-01-9	Chrysene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
206-44-0	Fluoranthene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
86-73-7	Fluorene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
78-59-1	Isophorone	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
91-20-3	Naphthalene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW



Sample Information

Client Sample ID: HL-1 (3'-4'bg)

York Sample ID: 18L0324-01

York Project (SDG) No.

18L0324

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 1:00 pm

Date Received

12/07/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
85-01-8	Phenanthrene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
108-95-2	Phenol	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
129-00-0	Pyrene	ND		ug/kg dry	51.4	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 17:17	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	67.1 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	66.6 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	70.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	73.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	71.9 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	80.2 %			24-116						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2018 07:35	12/14/2018 12:17	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2018 07:35	12/14/2018 12:17	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2018 07:35	12/14/2018 12:17	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2018 07:35	12/14/2018 12:17	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2018 07:35	12/14/2018 12:17	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2018 07:35	12/14/2018 12:17	TJD
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/13/2018 07:35	12/14/2018 12:17	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	12/13/2018 07:35	12/14/2018 12:17	TJD
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	49.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	36.3 %			30-140					



Sample Information

Client Sample ID: HL-1 (3'-4'bg)

York Sample ID: 18L0324-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0324

26747.00

Soil

December 6, 2018 1:00 pm

12/07/2018

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/10/2018 17:16	12/11/2018 12:35	TJM

Sample Information

Client Sample ID: SB-9 (7'bg)

York Sample ID: 18L0324-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0324

26747.00

Soil

December 6, 2018 12:00 pm

12/07/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/13/2018 07:30	12/13/2018 21:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS



Sample Information

Client Sample ID: SB-9 (7'bg)

York Sample ID: 18L0324-02

York Project (SDG) No.
18L0324

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 12:00 pm

Date Received
12/07/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/13/2018 07:30	12/13/2018 21:44	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
67-64-1	Acetone	44	CCV-E	ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
107-02-8	Acrolein	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/13/2018 07:30	12/13/2018 21:44	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS



Sample Information

Client Sample ID: SB-9 (7'bg)

York Sample ID: 18L0324-02

York Project (SDG) No.

18L0324

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:00 pm

Date Received

12/07/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:44	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:44	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:44	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:44	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:44	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/13/2018 07:30	12/13/2018 21:44	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/13/2018 07:30	12/13/2018 21:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS



Sample Information

Client Sample ID: SB-9 (7'bg)

York Sample ID: 18L0324-02

York Project (SDG) No.

18L0324

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:00 pm

Date Received

12/07/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	25	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/13/2018 07:30	12/13/2018 21:44	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH	12/13/2018 07:30	12/13/2018 21:44	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/13/2018 07:30	12/13/2018 21:44	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.3 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW



Sample Information

Client Sample ID: SB-9 (7'bg)

York Sample ID: 18L0324-02

York Project (SDG) No.

18L0324

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:00 pm

Date Received

12/07/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW



Sample Information

Client Sample ID: SB-9 (7'bg)

York Sample ID: 18L0324-02

York Project (SDG) No.

18L0324

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:00 pm

Date Received

12/07/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
83-32-9	Acenaphthene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
98-86-2	Acetophenone	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
62-53-3	Aniline	ND		ug/kg dry	177	355	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
120-12-7	Anthracene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
1912-24-9	Atrazine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
92-87-5	Benzidine	ND		ug/kg dry	177	355	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
65-85-0	Benzoic acid	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW



Sample Information

Client Sample ID: SB-9 (7'bg)

York Sample ID: 18L0324-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0324

26747.00

Soil

December 6, 2018 12:00 pm

12/07/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
105-60-2	Caprolactam	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
86-74-8	Carbazole	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
218-01-9	Chrysene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
206-44-0	Fluoranthene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
86-73-7	Fluorene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW



Sample Information

Client Sample ID: SB-9 (7'bg)

York Sample ID: 18L0324-02

York Project (SDG) No.
18L0324

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 12:00 pm

Date Received
12/07/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
78-59-1	Isophorone	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
91-20-3	Naphthalene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
85-01-8	Phenanthrene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
108-95-2	Phenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
129-00-0	Pyrene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/13/2018 14:28	12/14/2018 18:04	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	63.2 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	60.9 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	71.7 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	67.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	66.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.6 %			24-116						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.8		%	0.100	1	SM 2540G Certifications: CTDOH	12/10/2018 17:16	12/11/2018 12:35	TJM



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18L0324-01	HL-1 (3'-4"bg)	40mL Vial with Stir Bar-Cool 4° C
18L0324-02	SB-9 (7"bg)	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
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-06	Compound was below 10% recovery due to degradation of compound in spiking mixture. All calibration criteria has been met.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



Technical Report

prepared for:

VHB

100 Motor Parkway, Suite 135

Hauppauge NY, 11788

Attention: Stephen Kaplan

Report Date: 12/19/2018

Client Project ID: 26747.00

York Project (SDG) No.: 18L0382

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 12/19/2018
Client Project ID: 26747.00
York Project (SDG) No.: 18L0382

VHB
100 Motor Parkway, Suite 135
Hauppauge NY, 11788
Attention: Stephen Kaplan

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 December 10, 2018 and listed below. The project was identified as your project: **26747.00**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
18L0382-01	CP-2	Soil	12/07/2018	12/10/2018
18L0382-02	ST-3A	Soil	12/07/2018	12/10/2018
18L0382-03	CP-3	Soil	12/07/2018	12/10/2018
18L0382-04	SD-1	Soil	12/07/2018	12/10/2018
18L0382-05	SD-2	Soil	12/07/2018	12/10/2018
18L0382-06	OS-1 (0'-2" bg)	Soil	12/07/2018	12/10/2018
18L0382-07	OS-1 (10"-12" bg)	Soil	12/07/2018	12/10/2018
18L0382-08	OS-1 (22"-24" bg)	Soil	12/07/2018	12/10/2018
18L0382-09	SB-2 (9' bg)	Soil	12/06/2018	12/10/2018
18L0382-10	SB-4 (2' bg)	Soil	12/06/2018	12/10/2018
18L0382-11	SB-5 (8' bg)	Soil	12/06/2018	12/10/2018
18L0382-12	HL-2 (2'-3' bg)	Soil	12/07/2018	12/10/2018
18L0382-13	SB-11 (9' bg)	Soil	12/07/2018	12/10/2018
18L0382-14	SB-13 (5' bg)	Soil	12/07/2018	12/10/2018
18L0382-15	SB-18 (7' bg)	Soil	12/07/2018	12/10/2018
18L0382-16	SB-5 (5' bg)	Soil	12/06/2018	12/10/2018
18L0382-17	SB-11 (3'-4' bg)	Soil	12/07/2018	12/10/2018
18L0382-18	SB-18 (4'-5' bg)	Soil	12/07/2018	12/10/2018

General Notes for York Project (SDG) No.: 18L0382

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/19/2018





Sample Information

Client Sample ID: CP-2

York Sample ID: 18L0382-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 9:30 am

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:22	LLJ
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/12/2018 19:22	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:22	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	70	140	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:22	LLJ



Sample Information

Client Sample ID: CP-2

York Sample ID: 18L0382-01

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 9:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
67-64-1	Acetone	140	CCV-E	ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
107-02-8	Acrolein	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
71-43-2	Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:22	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
75-15-0	Carbon disulfide	4.5	J	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
67-66-3	Chloroform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:22	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:22	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:22	LLJ



Sample Information

Client Sample ID: CP-2

York Sample ID: 18L0382-01

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 9:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:22	LLJ
100-41-4	Ethyl Benzene	130		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:22	LLJ
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
79-20-9	Methyl acetate	17		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:22	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:22	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 19:22	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 19:22	LLJ
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
100-42-5	Styrene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:22	LLJ
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
108-88-3	Toluene	780		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 07:00	12/18/2018 12:19	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND	IS-LO	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/12/2018 19:22	LLJ



Sample Information

Client Sample ID: CP-2

York Sample ID: 18L0382-01

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 9:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:22	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	118 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	150 %	IS-LO, S-08		76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	130	260	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	130	260	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW



Sample Information

Client Sample ID: CP-2

York Sample ID: 18L0382-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 9:30 am

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	130	260	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	130	260	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	130	260	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	130	260	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	130	260	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	130	260	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
83-32-9	Acenaphthene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW



Sample Information

Client Sample ID: CP-2

York Sample ID: 18L0382-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 9:30 am

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
62-53-3	Aniline	ND		ug/kg dry	261	522	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
120-12-7	Anthracene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
1912-24-9	Atrazine	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
92-87-5	Benzidine	ND		ug/kg dry	261	522	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
65-85-0	Benzoic acid	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
117-81-7	Bis(2-ethylhexyl)phthalate	102	J	ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
105-60-2	Caprolactam	ND		ug/kg dry	130	260	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
86-74-8	Carbazole	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
218-01-9	Chrysene	68.7	J	ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW



Sample Information

Client Sample ID: CP-2

York Sample ID: 18L0382-01

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 9:30 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
206-44-0	Fluoranthene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
86-73-7	Fluorene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
78-59-1	Isophorone	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
91-20-3	Naphthalene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
85-01-8	Phenanthrene	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
108-95-2	Phenol	ND		ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW



Sample Information

Client Sample ID: CP-2

York Sample ID: 18L0382-01

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 9:30 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	77.1	J	ug/kg dry	65.3	130	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 16:18	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	53.8 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	51.6 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	56.3 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.1 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	64.3 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	66.2 %	24-116								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.47		mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:55	BML
7440-39-3	Barium	43.2		mg/kg dry	3.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:55	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.471	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:55	BML
7440-47-3	Chromium	14.1		mg/kg dry	0.785	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:55	BML
7439-92-1	Lead	21.2		mg/kg dry	0.785	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:55	BML
7782-49-2	Selenium	ND		mg/kg dry	3.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:55	BML
7440-22-4	Silver	ND		mg/kg dry	0.785	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:55	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0949		mg/kg dry	0.0471	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/11/2018 14:12	12/11/2018 17:29	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

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



Sample Information

Client Sample ID: CP-2

York Sample ID: 18L0382-01

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

18L0382

26747.00

Soil

December 7, 2018 9:30 am

12/10/2018

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	63.7		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM

Sample Information

Client Sample ID: ST-3A

York Sample ID: 18L0382-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 10:00 am

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:50	LLJ
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/12/2018 19:50	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:50	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ



Sample Information

Client Sample ID: ST-3A

York Sample ID: 18L0382-02

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 10:00 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
108-67-8	1,3,5-Trimethylbenzene	11	J, IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	190	380	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:50	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
591-78-6	2-Hexanone	24	CCV-E	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
67-64-1	Acetone	2100	J, CCV-E	ug/kg dry	1900	3800	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/18/2018 07:00	12/18/2018 12:46	LLJ
107-02-8	Acrolein	ND		ug/kg dry	19	38	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
71-43-2	Benzene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:50	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
75-25-2	Bromoform	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ



Sample Information

Client Sample ID: ST-3A

York Sample ID: 18L0382-02

York Project (SDG) No.

18L0382

Client Project ID

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December 7, 2018 10:00 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:50	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:50	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:50	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:50	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:50	LLJ
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:50	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:50	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	19	38	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 19:50	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	19	38	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 19:50	LLJ
99-87-6	p-Isopropyltoluene	110	IS-LO, QL-02	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ



Sample Information

Client Sample ID: ST-3A

York Sample ID: 18L0382-02

York Project (SDG) No.

18L0382

Client Project ID

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December 7, 2018 10:00 am

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12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 19:50	LLJ
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
108-88-3	Toluene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND	IS-LO	ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/12/2018 19:50	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	29	58	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 19:50	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	84.1 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	125 %	S-08		85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	197 %	IS-LO, S-08		76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	350	699	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR



Sample Information

Client Sample ID: ST-3A

York Sample ID: 18L0382-02

York Project (SDG) No.

18L0382

Client Project ID

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	350	699	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	350	699	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	350	699	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
65794-96-9	3- & 4-Methylphenols	565		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
91-94-1	3,3-Dichlorobenzidine	ND	QL-02	ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	350	699	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	350	699	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR



Sample Information

Client Sample ID: ST-3A

York Sample ID: 18L0382-02

York Project (SDG) No.

18L0382

Client Project ID

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	350	699	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	350	699	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
83-32-9	Acenaphthene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
98-86-2	Acetophenone	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
62-53-3	Aniline	ND		ug/kg dry	700	1400	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
120-12-7	Anthracene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
1912-24-9	Atrazine	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
92-87-5	Benzidine	ND		ug/kg dry	700	1400	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
65-85-0	Benzoic acid	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR



Sample Information

Client Sample ID: ST-3A

York Sample ID: 18L0382-02

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 10:00 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
117-81-7	Bis(2-ethylhexyl)phthalate	285	J	ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
105-60-2	Caprolactam	ND		ug/kg dry	350	699	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
86-74-8	Carbazole	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
218-01-9	Chrysene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
117-84-0	Di-n-octyl phthalate	221	J	ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
206-44-0	Fluoranthene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
86-73-7	Fluorene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
78-59-1	Isophorone	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR



Sample Information

Client Sample ID: ST-3A

York Sample ID: 18L0382-02

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 10:00 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
85-01-8	Phenanthrene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
108-95-2	Phenol	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
129-00-0	Pyrene	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:23	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	42.6 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	41.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	39.4 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	44.6 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	74.6 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.5 %	24-116								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	4.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:57	BML
7440-39-3	Barium	42.7		mg/kg dry	7.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:57	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.842	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:57	BML
7440-47-3	Chromium	25.4		mg/kg dry	1.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:57	BML
7439-92-1	Lead	36.6		mg/kg dry	1.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:57	BML



Sample Information

Client Sample ID: ST-3A

York Sample ID: 18L0382-02

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 10:00 am

Date Received

12/10/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	7.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:57	BML
7440-22-4	Silver	ND		mg/kg dry	1.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 11:57	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.125		mg/kg dry	0.0842	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/11/2018 14:12	12/11/2018 18:25	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	35.6		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM

Sample Information

Client Sample ID: CP-3

York Sample ID: 18L0382-03

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 10:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ



Sample Information

Client Sample ID: CP-3

York Sample ID: 18L0382-03

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 10:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:19	LLJ
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/12/2018 20:19	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:19	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	85	170	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:19	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
67-64-1	Acetone	260	CCV-E	ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
107-02-8	Acrolein	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ



Sample Information

Client Sample ID: CP-3

York Sample ID: 18L0382-03

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 10:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:19	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
75-25-2	Bromoform	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
75-15-0	Carbon disulfide	40		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
67-66-3	Chloroform	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:19	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:19	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:19	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:19	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:19	LLJ
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:19	LLJ



Sample Information

Client Sample ID: CP-3

York Sample ID: 18L0382-03

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 10:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:19	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 20:19	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 20:19	LLJ
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
100-42-5	Styrene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:19	LLJ
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
108-88-3	Toluene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND	IS-LO	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/12/2018 20:19	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	13	25	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:19	LLJ

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: CP-3

York Sample ID: 18L0382-03

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 10:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	120 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	116 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	161 %	S-08, IS-LO		76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	218	435	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	218	435	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	218	435	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR



Sample Information

Client Sample ID: CP-3

York Sample ID: 18L0382-03

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

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December 7, 2018 10:30 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	218	435	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
91-94-1	3,3-Dichlorobenzidine	ND	QL-02	ug/kg dry	109	218	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	218	435	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	218	435	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	218	435	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	218	435	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
83-32-9	Acenaphthene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
98-86-2	Acetophenone	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
62-53-3	Aniline	ND		ug/kg dry	437	873	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
120-12-7	Anthracene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
1912-24-9	Atrazine	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR



Sample Information

Client Sample ID: CP-3

York Sample ID: 18L0382-03

York Project (SDG) No.

18L0382

Client Project ID

26747.00

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Soil

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December 7, 2018 10:30 am

Date Received

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
92-87-5	Benzidine	ND		ug/kg dry	437	873	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
65-85-0	Benzoic acid	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
117-81-7	Bis(2-ethylhexyl)phthalate	369		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
105-60-2	Caprolactam	ND		ug/kg dry	218	435	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
86-74-8	Carbazole	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
218-01-9	Chrysene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR



Sample Information

Client Sample ID: CP-3

York Sample ID: 18L0382-03

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 10:30 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
206-44-0	Fluoranthene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
86-73-7	Fluorene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
78-59-1	Isophorone	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
91-20-3	Naphthalene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
85-01-8	Phenanthrene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
108-95-2	Phenol	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
129-00-0	Pyrene	ND		ug/kg dry	109	218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 13:54	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	48.8 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	42.2 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	43.4 %	22-108								



Sample Information

Client Sample ID: CP-3

York Sample ID: 18L0382-03

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 10:30 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	45.0 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	69.0 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.7 %			24-116						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:05	BML
7440-39-3	Barium	43.3		mg/kg dry	4.37	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:05	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.525	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:05	BML
7440-47-3	Chromium	19.8		mg/kg dry	0.875	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:05	BML
7439-92-1	Lead	31.6		mg/kg dry	0.875	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:05	BML
7782-49-2	Selenium	ND		mg/kg dry	4.37	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:05	BML
7440-22-4	Silver	ND		mg/kg dry	0.875	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:05	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0948		mg/kg dry	0.0525	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/11/2018 14:12	12/11/2018 18:31	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	57.2		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM



Sample Information

Client Sample ID: SD-1

York Sample ID: 18L0382-04

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:30 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:49	LLJ
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/12/2018 20:49	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:49	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:49	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ



Sample Information

Client Sample ID: SD-1

York Sample ID: 18L0382-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 1:30 pm

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
67-64-1	Acetone	21	CCV-E	ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
107-02-8	Acrolein	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:49	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:49	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:49	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:49	LLJ



Sample Information

Client Sample ID: SD-1

York Sample ID: 18L0382-04

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:30 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:49	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:49	LLJ
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:49	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:49	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 20:49	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 20:49	LLJ
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
100-42-5	Styrene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 20:49	LLJ
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ



Sample Information

Client Sample ID: SD-1

York Sample ID: 18L0382-04

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:30 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND	IS-LO	ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/12/2018 20:49	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 20:49	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	124 %	S-08		85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	168 %	S-08, IS-LO		76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	115	230	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	115	230	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR



Sample Information

Client Sample ID: SD-1

York Sample ID: 18L0382-04

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:30 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	115	230	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	115	230	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
91-94-1	3,3-Dichlorobenzidine	ND	QL-06	ug/kg dry	57.8	115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	115	230	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	115	230	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	115	230	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	115	230	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
83-32-9	Acenaphthene	59.0	J	ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR



Sample Information

Client Sample ID: SD-1

York Sample ID: 18L0382-04

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

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December 7, 2018 1:30 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
98-86-2	Acetophenone	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
62-53-3	Aniline	ND		ug/kg dry	231	462	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
120-12-7	Anthracene	225		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
1912-24-9	Atrazine	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
92-87-5	Benzidine	ND		ug/kg dry	231	462	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
56-55-3	Benzo(a)anthracene	1060		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
50-32-8	Benzo(a)pyrene	1060		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
205-99-2	Benzo(b)fluoranthene	1040		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
191-24-2	Benzo(g,h,i)perylene	655		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
207-08-9	Benzo(k)fluoranthene	901		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
65-85-0	Benzoic acid	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
105-60-2	Caprolactam	ND		ug/kg dry	115	230	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
86-74-8	Carbazole	83.9	J	ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
218-01-9	Chrysene	1140		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR



Sample Information

Client Sample ID: SD-1

York Sample ID: 18L0382-04

York Project (SDG) No.

18L0382

Client Project ID

26747.00

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Soil

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December 7, 2018 1:30 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	170		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
206-44-0	Fluoranthene	2700		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
86-73-7	Fluorene	90.3	J	ug/kg dry	57.8	115	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
193-39-5	Indeno(1,2,3-cd)pyrene	674		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
78-59-1	Isophorone	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
91-20-3	Naphthalene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
85-01-8	Phenanthrene	1110		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
108-95-2	Phenol	ND		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR



Sample Information

Client Sample ID: SD-1

York Sample ID: 18L0382-04

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:30 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	1910		ug/kg dry	57.8	115	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:00	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	60.3 %		20-108							
4165-62-2	Surrogate: SURR: Phenol-d5	46.8 %		23-114							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	47.8 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	33.8 %		21-113							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	66.4 %		19-110							
1718-51-0	Surrogate: SURR: Terphenyl-d14	48.5 %		24-116							

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.12		mg/kg dry	2.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:07	BML
7440-39-3	Barium	17.4		mg/kg dry	3.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:07	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.416	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:07	BML
7440-47-3	Chromium	9.55		mg/kg dry	0.693	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:07	BML
7439-92-1	Lead	46.6		mg/kg dry	0.693	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:07	BML
7782-49-2	Selenium	ND		mg/kg dry	3.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:07	BML
7440-22-4	Silver	ND		mg/kg dry	0.693	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:07	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0550		mg/kg dry	0.0416	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/11/2018 14:12	12/11/2018 18:40	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

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



Sample Information

Client Sample ID: SD-1

York Sample ID: 18L0382-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 1:30 pm

12/10/2018

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	72.2		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM

Sample Information

Client Sample ID: SD-2

York Sample ID: 18L0382-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 1:40 pm

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:19	LLJ
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/12/2018 21:19	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:19	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ



Sample Information

Client Sample ID: SD-2

York Sample ID: 18L0382-05

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:40 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	73	150	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/12/2018 21:19	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
67-64-1	Acetone	23	CCV-E	ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
107-02-8	Acrolein	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
71-43-2	Benzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/12/2018 21:19	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ



Sample Information

Client Sample ID: SD-2

York Sample ID: 18L0382-05

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:40 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
67-66-3	Chloroform	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/12/2018 21:19	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/12/2018 21:19	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/12/2018 21:19	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/12/2018 21:19	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/12/2018 21:19	LLJ
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/12/2018 21:19	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/12/2018 21:19	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 21:19	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 21:19	LLJ
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ



Sample Information

Client Sample ID: SD-2

York Sample ID: 18L0382-05

York Project (SDG) No.
18L0382

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 7, 2018 1:40 pm

Date Received
12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
100-42-5	Styrene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:19	LLJ
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
108-88-3	Toluene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND	IS-LO	ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/12/2018 21:19	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.6	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:19	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	116 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	148 %	S-08, IS-LO		76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	119	238	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR



Sample Information

Client Sample ID: SD-2

York Sample ID: 18L0382-05

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:40 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	119	238	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	119	238	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	119	238	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
91-94-1	3,3-Dichlorobenzidine	ND	QL-06	ug/kg dry	59.6	119	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	119	238	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR



Sample Information

Client Sample ID: SD-2

York Sample ID: 18L0382-05

York Project (SDG) No.

18L0382

Client Project ID

26747.00

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December 7, 2018 1:40 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	119	238	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	119	238	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	119	238	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
83-32-9	Acenaphthene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
98-86-2	Acetophenone	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
62-53-3	Aniline	ND		ug/kg dry	238	476	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
120-12-7	Anthracene	126		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
1912-24-9	Atrazine	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
92-87-5	Benzidine	ND		ug/kg dry	238	476	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
56-55-3	Benzo(a)anthracene	581		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
50-32-8	Benzo(a)pyrene	583		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
205-99-2	Benzo(b)fluoranthene	547		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
191-24-2	Benzo(g,h,i)perylene	354		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
207-08-9	Benzo(k)fluoranthene	500		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
65-85-0	Benzoic acid	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR



Sample Information

Client Sample ID: SD-2

York Sample ID: 18L0382-05

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:40 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
105-60-2	Caprolactam	ND		ug/kg dry	119	238	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
86-74-8	Carbazole	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
218-01-9	Chrysene	656		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
53-70-3	Dibenzo(a,h)anthracene	86.5	J	ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
206-44-0	Fluoranthene	1410		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
86-73-7	Fluorene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
193-39-5	Indeno(1,2,3-cd)pyrene	332		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
78-59-1	Isophorone	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR



Sample Information

Client Sample ID: SD-2

York Sample ID: 18L0382-05

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

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December 7, 2018 1:40 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
85-01-8	Phenanthrene	649		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
108-95-2	Phenol	ND		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
129-00-0	Pyrene	1090		ug/kg dry	59.6	119	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 23:32	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	57.6 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	47.2 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	47.8 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	35.3 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	64.6 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	50.1 %	24-116								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.36		mg/kg dry	2.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:09	BML
7440-39-3	Barium	12.3		mg/kg dry	3.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:09	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.430	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:09	BML
7440-47-3	Chromium	5.74		mg/kg dry	0.716	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:09	BML
7439-92-1	Lead	46.6		mg/kg dry	0.716	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:09	BML
7782-49-2	Selenium	ND		mg/kg dry	3.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:09	BML



Sample Information

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York Sample ID: 18L0382-05

York Project (SDG) No.

18L0382

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December 7, 2018 1:40 pm

Date Received

12/10/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.716	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:09	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0534		mg/kg dry	0.0430	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/11/2018 14:12	12/11/2018 18:49	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	69.8		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM

Sample Information

Client Sample ID: OS-1 (0-2" bg)

York Sample ID: 18L0382-06

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 12:05 pm

Date Received

12/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
309-00-2	Aldrin	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/14/2018 14:52	12/18/2018 05:22	CM



Sample Information

Client Sample ID: OS-1 (0-2" bg)

York Sample ID: 18L0382-06

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 12:05 pm

Date Received

12/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
57-74-9	Chlordane, total	ND		ug/kg dry	49.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/14/2018 14:52	12/18/2018 05:22	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
72-20-8	Endrin	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/14/2018 14:52	12/18/2018 05:22	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.47	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
72-43-5	Methoxychlor	ND		ug/kg dry	12.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
8001-35-2	Toxaphene	ND		ug/kg dry	125	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:22	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	29.4 %	S-GC	30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	50.4 %		30-150						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.50		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:12	BML



Sample Information

Client Sample ID: OS-1 (0-2" bg)

York Sample ID: 18L0382-06

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 12:05 pm

Date Received

12/10/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	48.5		mg/kg dry	3.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:12	BML
7440-43-9	Cadmium	0.541		mg/kg dry	0.451	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:12	BML
7440-47-3	Chromium	12.7		mg/kg dry	0.752	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:12	BML
7439-92-1	Lead	28.7		mg/kg dry	0.752	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:12	BML
7782-49-2	Selenium	ND		mg/kg dry	3.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:12	BML
7440-22-4	Silver	ND		mg/kg dry	0.752	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:12	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.209		mg/kg dry	0.0451	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/11/2018 14:12	12/11/2018 18:58	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	66.5		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM

Sample Information

Client Sample ID: OS-1 (10"-12" bg)

York Sample ID: 18L0382-07

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:00 pm

Date Received

12/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM



Sample Information

Client Sample ID: OS-1 (10"-12" bg)

York Sample ID: 18L0382-07

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:00 pm

Date Received

12/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
309-00-2	Aldrin	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/14/2018 14:52	12/18/2018 05:37	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
57-74-9	Chlordane, total	ND		ug/kg dry	39.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/14/2018 14:52	12/18/2018 05:37	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
72-20-8	Endrin	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/14/2018 14:52	12/18/2018 05:37	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM
8001-35-2	Toxaphene	ND		ug/kg dry	101	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:37	CM

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: OS-1 (10"-12" bg)

York Sample ID: 18L0382-07

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:00 pm

Date Received

12/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	23.3 %	S-GC		30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	45.2 %			30-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.95		mg/kg dry	1.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:14	BML
7440-39-3	Barium	24.5		mg/kg dry	3.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:14	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.364	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:14	BML
7440-47-3	Chromium	11.8		mg/kg dry	0.607	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:14	BML
7439-92-1	Lead	15.5		mg/kg dry	0.607	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:14	BML
7782-49-2	Selenium	ND		mg/kg dry	3.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:14	BML
7440-22-4	Silver	ND		mg/kg dry	0.607	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:14	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.215		mg/kg dry	0.0364	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/11/2018 14:12	12/11/2018 19:06	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.3		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM



Sample Information

Client Sample ID: OS-1 (22"-24" bg)

York Sample ID: 18L0382-08

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:05 pm

Date Received

12/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
309-00-2	Aldrin	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
5103-71-9	alpha-Chlordane	32.7		ug/kg dry	2.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/14/2018 14:52	12/18/2018 05:52	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
57-74-9	Chlordane, total	110		ug/kg dry	56.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/14/2018 14:52	12/18/2018 05:52	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
72-20-8	Endrin	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
5566-34-7	gamma-Chlordane	16.2		ug/kg dry	2.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/14/2018 14:52	12/18/2018 05:52	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
72-43-5	Methoxychlor	ND		ug/kg dry	14.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM



Sample Information

Client Sample ID: OS-1 (22"-24" bg)

York Sample ID: 18L0382-08

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 1:05 pm

Date Received

12/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	144	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 05:52	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	29.1 %	S-GC	30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	43.9 %		30-150						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	10.0		mg/kg dry	2.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:16	BML
7440-39-3	Barium	33.4		mg/kg dry	4.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:16	BML
7440-43-9	Cadmium	0.556		mg/kg dry	0.518	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:16	BML
7440-47-3	Chromium	15.0		mg/kg dry	0.863	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:16	BML
7439-92-1	Lead	22.4		mg/kg dry	0.863	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:16	BML
7782-49-2	Selenium	ND		mg/kg dry	4.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:16	BML
7440-22-4	Silver	ND		mg/kg dry	0.863	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:16	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.267		mg/kg dry	0.0518	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/11/2018 14:12	12/11/2018 19:16	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	57.9		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM



Sample Information

Client Sample ID: SB-2 (9' bg)

York Sample ID: 18L0382-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 6, 2018 9:30 am

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:49	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/12/2018 21:49	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:49	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	97	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:49	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ



Sample Information

Client Sample ID: SB-2 (9' bg)

York Sample ID: 18L0382-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 6, 2018 9:30 am

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
67-64-1	Acetone	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:49	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:49	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:49	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:49	LLJ



Sample Information

Client Sample ID: SB-2 (9' bg)

York Sample ID: 18L0382-09

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 9:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:49	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:49	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:49	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:49	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 21:49	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 21:49	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 21:49	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ



Sample Information

Client Sample ID: SB-2 (9' bg)

York Sample ID: 18L0382-09

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 9:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/12/2018 21:49	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 21:49	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	100 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW



Sample Information

Client Sample ID: SB-2 (9' bg)

York Sample ID: 18L0382-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 6, 2018 9:30 am

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
83-32-9	Acenaphthene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW



Sample Information

Client Sample ID: SB-2 (9' bg)

York Sample ID: 18L0382-09

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 9:30 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
98-86-2	Acetophenone	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
62-53-3	Aniline	ND		ug/kg dry	177	354	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
120-12-7	Anthracene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
1912-24-9	Atrazine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
92-87-5	Benzidine	ND		ug/kg dry	177	354	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
65-85-0	Benzoic acid	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
105-60-2	Caprolactam	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
86-74-8	Carbazole	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW



Sample Information

Client Sample ID: SB-2 (9' bg)

York Sample ID: 18L0382-09

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 9:30 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
206-44-0	Fluoranthene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
86-73-7	Fluorene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
78-59-1	Isophorone	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
91-20-3	Naphthalene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW



Sample Information

Client Sample ID: SB-2 (9' bg)

York Sample ID: 18L0382-09

York Project (SDG) No.
18L0382

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 9:30 am

Date Received
12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
108-95-2	Phenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
129-00-0	Pyrene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 18:41	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	56.7 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	51.9 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	54.7 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.2 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	59.5 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	68.6 %			24-116						

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	3.74		mg/kg dry	0.533	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:18	BML

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.9		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM

Sample Information

Client Sample ID: SB-4 (2' bg)

York Sample ID: 18L0382-10

York Project (SDG) No.
18L0382

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 12:30 pm

Date Received
12/10/2018



Sample Information

Client Sample ID: SB-4 (2' bg)

York Sample ID: 18L0382-10

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:30 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:19	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/12/2018 22:19	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:19	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:19	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ



Sample Information

Client Sample ID: SB-4 (2' bg)

York Sample ID: 18L0382-10

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:30 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:19	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
110-82-7	Cyclohexane	2.7	J	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:19	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:19	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:19	LLJ



Sample Information

Client Sample ID: SB-4 (2' bg)

York Sample ID: 18L0382-10

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:30 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:19	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:19	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:19	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
108-87-2	Methylcyclohexane	13		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:19	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 22:19	LLJ
179601-23-1	p- & m- Xylenes	6.1	J	ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 22:19	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:19	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
108-88-3	Toluene	5.2	J	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/12/2018 22:19	LLJ



Sample Information

Client Sample ID: SB-4 (2' bg)

York Sample ID: 18L0382-10

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:30 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:19	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	89.5 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	111 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	114 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH



Sample Information

Client Sample ID: SB-4 (2' bg)

York Sample ID: 18L0382-10

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:30 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH



Sample Information

Client Sample ID: SB-4 (2' bg)

York Sample ID: 18L0382-10

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:30 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
62-53-3	Aniline	ND		ug/kg dry	187	373	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
120-12-7	Anthracene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
92-87-5	Benzidine	ND		ug/kg dry	187	373	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
65-85-0	Benzoic acid	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
105-60-2	Caprolactam	ND		ug/kg dry	93.2	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
86-74-8	Carbazole	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
218-01-9	Chrysene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH



Sample Information

Client Sample ID: SB-4 (2' bg)

York Sample ID: 18L0382-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 6, 2018 12:30 pm

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
206-44-0	Fluoranthene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
86-73-7	Fluorene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
78-59-1	Isophorone	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
85-01-8	Phenanthrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH



Sample Information

Client Sample ID: SB-4 (2' bg)

York Sample ID: 18L0382-10

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 12:30 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
129-00-0	Pyrene	ND		ug/kg dry	46.7	93.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 01:55	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	64.7 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	65.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	56.2 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	52.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	71.5 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	63.9 %			24-116						

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	53.0		mg/kg dry	0.559	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:20	BML

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.4		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM

Sample Information

Client Sample ID: SB-5 (8' bg)

York Sample ID: 18L0382-11

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:45 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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



Sample Information

Client Sample ID: SB-5 (8' bg)

York Sample ID: 18L0382-11

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:45 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:49	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/12/2018 22:49	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:49	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:49	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ



Sample Information

Client Sample ID: SB-5 (8' bg)

York Sample ID: 18L0382-11

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:45 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
67-64-1	Acetone	57	CCV-E	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:49	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:49	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:49	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:49	LLJ



Sample Information

Client Sample ID: SB-5 (8' bg)

York Sample ID: 18L0382-11

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:45 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:49	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:49	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:49	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
108-87-2	Methylcyclohexane	4.9	J	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:49	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 22:49	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 22:49	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
75-65-0	tert-Butyl alcohol (TBA)	15	CCV-E , QL-02	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 22:49	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/12/2018 22:49	LLJ



Sample Information

Client Sample ID: SB-5 (8' bg)

York Sample ID: 18L0382-11

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:45 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 22:49	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	101 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW



Sample Information

Client Sample ID: SB-5 (8' bg)

York Sample ID: 18L0382-11

York Project (SDG) No.
18L0382

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 10:45 am

Date Received
12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
83-32-9	Acenaphthene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW



Sample Information

Client Sample ID: SB-5 (8' bg)

York Sample ID: 18L0382-11

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:45 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
62-53-3	Aniline	ND		ug/kg dry	179	357	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
120-12-7	Anthracene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
1912-24-9	Atrazine	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
92-87-5	Benzidine	ND		ug/kg dry	179	357	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
65-85-0	Benzoic acid	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
105-60-2	Caprolactam	ND		ug/kg dry	89.2	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
86-74-8	Carbazole	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
218-01-9	Chrysene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW



Sample Information

Client Sample ID: SB-5 (8' bg)

York Sample ID: 18L0382-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 6, 2018 10:45 am

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
206-44-0	Fluoranthene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
86-73-7	Fluorene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
78-59-1	Isophorone	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
91-20-3	Naphthalene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
85-01-8	Phenanthrene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW



Sample Information

Client Sample ID: SB-5 (8' bg)

York Sample ID: 18L0382-11

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:45 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
129-00-0	Pyrene	ND		ug/kg dry	44.7	89.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 19:29	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	57.0 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	60.9 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	64.3 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	62.6 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	63.1 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.8 %			24-116						

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	5.24		mg/kg dry	0.537	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:22	BML

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM

Sample Information

Client Sample ID: HL-2 (2'-3' bg)

York Sample ID: 18L0382-12

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 12:20 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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



Sample Information

Client Sample ID: HL-2 (2'-3' bg)

York Sample ID: 18L0382-12

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 12:20 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:19	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/12/2018 23:19	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:19	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:19	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ



Sample Information

Client Sample ID: HL-2 (2'-3' bg)

York Sample ID: 18L0382-12

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 12:20 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
67-64-1	Acetone	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:19	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:19	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:19	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:19	LLJ



Sample Information

Client Sample ID: HL-2 (2'-3' bg)

York Sample ID: 18L0382-12

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 12:20 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:19	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:19	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:19	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:19	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 23:19	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 23:19	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:19	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
127-18-4	Tetrachloroethylene	4.3	J	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ



Sample Information

Client Sample ID: HL-2 (2'-3' bg)

York Sample ID: 18L0382-12

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 12:20 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/12/2018 23:19	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:19	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	107 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	119 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW



Sample Information

Client Sample ID: HL-2 (2'-3' bg)

York Sample ID: 18L0382-12

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 12:20 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
83-32-9	Acenaphthene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW



Sample Information

Client Sample ID: HL-2 (2'-3' bg)

York Sample ID: 18L0382-12

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 12:20 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
98-86-2	Acetophenone	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
62-53-3	Aniline	ND		ug/kg dry	177	354	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
120-12-7	Anthracene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
1912-24-9	Atrazine	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
92-87-5	Benzidine	ND		ug/kg dry	177	354	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
65-85-0	Benzoic acid	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
105-60-2	Caprolactam	ND		ug/kg dry	88.4	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
86-74-8	Carbazole	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW



Sample Information

Client Sample ID: HL-2 (2'-3' bg)

York Sample ID: 18L0382-12

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 12:20 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
206-44-0	Fluoranthene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
86-73-7	Fluorene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
78-59-1	Isophorone	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
91-20-3	Naphthalene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW



Sample Information

Client Sample ID: HL-2 (2'-3' bg)

York Sample ID: 18L0382-12

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 12:20 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
108-95-2	Phenol	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
129-00-0	Pyrene	ND		ug/kg dry	44.3	88.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 20:17	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	60.6 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	56.4 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	60.8 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	58.6 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	65.1 %			24-116						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:39	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:39	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:39	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:39	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:39	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:39	TJD
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:39	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/14/2018 14:52	12/17/2018 14:39	TJD
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	64.4 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	42.3 %			30-140					



Sample Information

Client Sample ID: HL-2 (2'-3' bg)

York Sample ID: 18L0382-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 12:20 pm

12/10/2018

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.9		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM

Sample Information

Client Sample ID: SB-11 (9' bg)

York Sample ID: 18L0382-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 8:10 am

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:49	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/12/2018 23:49	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:49	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ



Sample Information

Client Sample ID: SB-11 (9' bg)

York Sample ID: 18L0382-13

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:10 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/12/2018 23:49	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
67-64-1	Acetone	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/12/2018 23:49	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ



Sample Information

Client Sample ID: SB-11 (9' bg)

York Sample ID: 18L0382-13

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:10 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:49	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:49	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:49	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:49	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:49	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:49	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:49	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 23:49	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/12/2018 23:49	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ



Sample Information

Client Sample ID: SB-11 (9' bg)

York Sample ID: 18L0382-13

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:10 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/12/2018 23:49	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/12/2018 23:49	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/12/2018 23:49	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	104 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	107 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW



Sample Information

Client Sample ID: SB-11 (9' bg)

York Sample ID: 18L0382-13

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:10 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW



Sample Information

Client Sample ID: SB-11 (9' bg)

York Sample ID: 18L0382-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 8:10 am

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
83-32-9	Acenaphthene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
98-86-2	Acetophenone	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
62-53-3	Aniline	ND		ug/kg dry	177	353	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
120-12-7	Anthracene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
1912-24-9	Atrazine	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
92-87-5	Benzidine	ND		ug/kg dry	177	353	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
65-85-0	Benzoic acid	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW



Sample Information

Client Sample ID: SB-11 (9' bg)

York Sample ID: 18L0382-13

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:10 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
105-60-2	Caprolactam	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
86-74-8	Carbazole	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
218-01-9	Chrysene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
206-44-0	Fluoranthene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
86-73-7	Fluorene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW



Sample Information

Client Sample ID: SB-11 (9' bg)

York Sample ID: 18L0382-13

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:10 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
78-59-1	Isophorone	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
91-20-3	Naphthalene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
85-01-8	Phenanthrene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
108-95-2	Phenol	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
129-00-0	Pyrene	ND		ug/kg dry	44.2	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:05	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	59.3 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	61.2 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	67.1 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	73.2 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	64.8 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	76.9 %			24-116						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM



Sample Information

Client Sample ID: SB-13 (5' bg)

York Sample ID: 18L0382-14

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:45 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:19	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/13/2018 00:19	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:19	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	97	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:19	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ



Sample Information

Client Sample ID: SB-13 (5' bg)

York Sample ID: 18L0382-14

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:45 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
67-64-1	Acetone	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:19	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:19	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:19	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:19	LLJ



Sample Information

Client Sample ID: SB-13 (5' bg)

York Sample ID: 18L0382-14

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:45 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:19	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:19	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:19	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:19	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/13/2018 00:19	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/13/2018 00:19	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:19	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ



Sample Information

Client Sample ID: SB-13 (5' bg)

York Sample ID: 18L0382-14

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:45 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/13/2018 00:19	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:19	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	99.8 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.0	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.0	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW



Sample Information

Client Sample ID: SB-13 (5' bg)

York Sample ID: 18L0382-14

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:45 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.0	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.0	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.0	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.0	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.0	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.0	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
83-32-9	Acenaphthene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW



Sample Information

Client Sample ID: SB-13 (5' bg)

York Sample ID: 18L0382-14

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:45 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
98-86-2	Acetophenone	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
62-53-3	Aniline	ND		ug/kg dry	182	364	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
120-12-7	Anthracene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
1912-24-9	Atrazine	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
92-87-5	Benzidine	ND		ug/kg dry	182	364	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
65-85-0	Benzoic acid	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
105-60-2	Caprolactam	ND		ug/kg dry	91.0	182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
86-74-8	Carbazole	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW



Sample Information

Client Sample ID: SB-13 (5' bg)

York Sample ID: 18L0382-14

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:45 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
206-44-0	Fluoranthene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
86-73-7	Fluorene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
78-59-1	Isophorone	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
91-20-3	Naphthalene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW



Sample Information

Client Sample ID: SB-13 (5' bg)

York Sample ID: 18L0382-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 8:45 am

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
108-95-2	Phenol	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
129-00-0	Pyrene	ND		ug/kg dry	45.6	91.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 21:52	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	63.1 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	62.2 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	60.9 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	65.0 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	59.9 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.1 %			24-116						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.6		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM

Sample Information

Client Sample ID: SB-18 (7' bg)

York Sample ID: 18L0382-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 2:30 pm

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ



Sample Information

Client Sample ID: SB-18 (7' bg)

York Sample ID: 18L0382-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 2:30 pm

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/13/2018 00:49	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/13/2018 00:49	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/13/2018 00:49	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/13/2018 00:49	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
67-64-1	Acetone	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ



Sample Information

Client Sample ID: SB-18 (7' bg)

York Sample ID: 18L0382-15

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 2:30 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:49	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:49	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:49	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:49	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:49	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:49	LLJ



Sample Information

Client Sample ID: SB-18 (7' bg)

York Sample ID: 18L0382-15

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:49	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:49	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/13/2018 00:49	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/13/2018 00:49	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 00:49	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/13/2018 00:49	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ



Sample Information

Client Sample ID: SB-18 (7' bg)

York Sample ID: 18L0382-15

York Project (SDG) No.

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 00:49	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %									
2037-26-5	Surrogate: SURR: Toluene-d8	98.0 %									
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %									

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW



Sample Information

Client Sample ID: SB-18 (7' bg)

York Sample ID: 18L0382-15

York Project (SDG) No.

18L0382

Client Project ID

26747.00

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Collection Date/Time

December 7, 2018 2:30 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
83-32-9	Acenaphthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
98-86-2	Acetophenone	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
62-53-3	Aniline	ND		ug/kg dry	174	348	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW



Sample Information

Client Sample ID: SB-18 (7' bg)

York Sample ID: 18L0382-15

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18L0382

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Collection Date/Time
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Date Received
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
1912-24-9	Atrazine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
92-87-5	Benzidine	ND		ug/kg dry	174	348	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
65-85-0	Benzoic acid	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
105-60-2	Caprolactam	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
86-74-8	Carbazole	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
218-01-9	Chrysene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW



Sample Information

Client Sample ID: SB-18 (7' bg)

York Sample ID: 18L0382-15

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 2:30 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
206-44-0	Fluoranthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
86-73-7	Fluorene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
78-59-1	Isophorone	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
91-20-3	Naphthalene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
85-01-8	Phenanthrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
108-95-2	Phenol	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW
129-00-0	Pyrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/18/2018 22:41	OW

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: SB-18 (7' bg)

York Sample ID: 18L0382-15

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 2:30 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: SURR: 2-Fluorophenol	55.0 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	51.6 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	56.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	55.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	57.1 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	68.6 %			24-116						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.4		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM

Sample Information

Client Sample ID: SB-5 (5' bg)

York Sample ID: 18L0382-16

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ



Sample Information

Client Sample ID: SB-5 (5' bg)

York Sample ID: 18L0382-16

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 01:19	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 09:00	12/13/2018 01:19	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 01:19	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	93	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 01:19	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
67-64-1	Acetone	67	CCV-E	ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 01:19	LLJ



Sample Information

Client Sample ID: SB-5 (5' bg)

York Sample ID: 18L0382-16

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 01:19	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 01:19	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 01:19	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 01:19	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 01:19	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 01:19	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 09:00	12/13/2018 01:19	LLJ



Sample Information

Client Sample ID: SB-5 (5' bg)

York Sample ID: 18L0382-16

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/13/2018 01:19	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 09:00	12/13/2018 01:19	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 09:00	12/13/2018 01:19	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH	12/12/2018 09:00	12/13/2018 01:19	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 09:00	12/13/2018 01:19	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.7 %	85-120								



Sample Information

Client Sample ID: SB-5 (5' bg)

York Sample ID: 18L0382-16

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:30 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: <i>p</i> -Bromofluorobenzene	101 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR



Sample Information

Client Sample ID: SB-5 (5' bg)

York Sample ID: 18L0382-16

York Project (SDG) No.
18L0382

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 6, 2018 10:30 am

Date Received
12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
91-94-1	3,3-Dichlorobenzidine	ND	QL-02	ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
83-32-9	Acenaphthene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
98-86-2	Acetophenone	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
62-53-3	Aniline	ND		ug/kg dry	179	358	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
120-12-7	Anthracene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
1912-24-9	Atrazine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
92-87-5	Benzidine	ND		ug/kg dry	179	358	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR



Sample Information

Client Sample ID: SB-5 (5' bg)

York Sample ID: 18L0382-16

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

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Collection Date/Time

December 6, 2018 10:30 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
65-85-0	Benzoic acid	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
105-60-2	Caprolactam	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
86-74-8	Carbazole	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
218-01-9	Chrysene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR



Sample Information

Client Sample ID: SB-5 (5' bg)

York Sample ID: 18L0382-16

York Project (SDG) No.

18L0382

Client Project ID

26747.00

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Collection Date/Time

December 6, 2018 10:30 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
86-73-7	Fluorene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
78-59-1	Isophorone	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
85-01-8	Phenanthrene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
108-95-2	Phenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR
129-00-0	Pyrene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 14:26	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	52.0 %	20-108
4165-62-2	Surrogate: SURR: Phenol-d5	43.3 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	42.6 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	42.6 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	65.9 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	71.1 %	24-116



Sample Information

Client Sample ID: SB-5 (5' bg)

York Sample ID: 18L0382-16

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:30 am

Date Received

12/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
309-00-2	Aldrin	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/14/2018 14:52	12/18/2018 06:07	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
57-74-9	Chlordane, total	ND		ug/kg dry	35.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/14/2018 14:52	12/18/2018 06:07	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
72-20-8	Endrin	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/14/2018 14:52	12/18/2018 06:07	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:07	CM



Sample Information

Client Sample ID: SB-5 (5' bg)

York Sample ID: 18L0382-16

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:30 am

Date Received

12/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	89.8	5	EPA 8081B	12/14/2018 14:52	12/18/2018 06:07	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	67.3 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	77.9 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:52	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:52	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:52	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:52	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:52	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:52	TJD
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 14:52	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications:	12/14/2018 14:52	12/17/2018 14:52	TJD
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	63.4 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	47.8 %	30-140							

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.61	1	EPA 6010D	12/11/2018 10:32	12/12/2018 12:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	29.9		mg/kg dry	2.69	1	EPA 6010D	12/11/2018 10:32	12/12/2018 12:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.323	1	EPA 6010D	12/11/2018 10:32	12/12/2018 12:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: SB-5 (5' bg)

York Sample ID: 18L0382-16

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 6, 2018 10:30 am

Date Received

12/10/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	9.31		mg/kg dry	0.538	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:24	BML
7439-92-1	Lead	3.76		mg/kg dry	0.538	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:24	BML
7782-49-2	Selenium	ND		mg/kg dry	2.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:24	BML
7440-22-4	Silver	ND		mg/kg dry	0.538	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:24	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0323	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/11/2018 14:12	12/11/2018 19:24	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.9		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:09	12/11/2018 17:09	TJM

Sample Information

Client Sample ID: SB-11 (3'-4' bg)

York Sample ID: 18L0382-17

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:00 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ



Sample Information

Client Sample ID: SB-11 (3'-4' bg)

York Sample ID: 18L0382-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L0382

26747.00

Soil

December 7, 2018 8:00 am

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 17:00	12/13/2018 05:19	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 17:00	12/13/2018 05:19	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 17:00	12/13/2018 05:19	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/12/2018 17:00	12/13/2018 05:19	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
67-64-1	Acetone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ



Sample Information

Client Sample ID: SB-11 (3'-4' bg)

York Sample ID: 18L0382-17

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:00 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:19	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:19	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:19	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:19	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:19	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:19	LLJ



Sample Information

Client Sample ID: SB-11 (3'-4' bg)

York Sample ID: 18L0382-17

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:00 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:19	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:19	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 17:00	12/13/2018 05:19	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 17:00	12/13/2018 05:19	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:19	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH	12/12/2018 17:00	12/13/2018 05:19	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ



Sample Information

Client Sample ID: SB-11 (3'-4' bg)

York Sample ID: 18L0382-17

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:00 am

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:19	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.2 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	97.4 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.1	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.1	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.1	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW



Sample Information

Client Sample ID: SB-11 (3'-4' bg)

York Sample ID: 18L0382-17

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:00 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.1	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.1	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.1	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.1	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.1	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
83-32-9	Acenaphthene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
98-86-2	Acetophenone	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
62-53-3	Aniline	ND		ug/kg dry	176	353	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW



Sample Information

Client Sample ID: SB-11 (3'-4' bg)

York Sample ID: 18L0382-17

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:00 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
1912-24-9	Atrazine	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
92-87-5	Benzidine	ND		ug/kg dry	176	353	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
65-85-0	Benzoic acid	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
105-60-2	Caprolactam	ND		ug/kg dry	88.1	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
86-74-8	Carbazole	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
218-01-9	Chrysene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW



Sample Information

Client Sample ID: SB-11 (3'-4' bg)

York Sample ID: 18L0382-17

York Project (SDG) No.
18L0382

Client Project ID
26747.00

Matrix
Soil

Collection Date/Time
December 7, 2018 8:00 am

Date Received
12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
206-44-0	Fluoranthene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
86-73-7	Fluorene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
78-59-1	Isophorone	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
91-20-3	Naphthalene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
85-01-8	Phenanthrene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
108-95-2	Phenol	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
129-00-0	Pyrene	ND		ug/kg dry	44.2	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 00:16	OW
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB-11 (3'-4' bg)

York Sample ID: 18L0382-17

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:00 am

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: SURR: 2-Fluorophenol	57.1 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	53.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	55.5 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.3 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	58.9 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	68.9 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
309-00-2	Aldrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/14/2018 14:52	12/18/2018 06:22	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
57-74-9	Chlordane, total	ND		ug/kg dry	35.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/14/2018 14:52	12/18/2018 06:22	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
72-20-8	Endrin	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM



Sample Information

Client Sample ID: SB-11 (3'-4' bg)

York Sample ID: 18L0382-17

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:00 am

Date Received

12/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/14/2018 14:52	12/18/2018 06:22	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
8001-35-2	Toxaphene	ND		ug/kg dry	88.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:22	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	59.4 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	68.3 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:06	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:06	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:06	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:06	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:06	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:06	TJD
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:06	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications:	12/14/2018 14:52	12/17/2018 15:06	TJD
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	64.9 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	51.2 %		30-140						



Sample Information

Client Sample ID: SB-11 (3'-4' bg)

York Sample ID: 18L0382-17

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 8:00 am

Date Received

12/10/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:31	BML
7440-39-3	Barium	4.84		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:31	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.319	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:31	BML
7440-47-3	Chromium	2.59		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:31	BML
7439-92-1	Lead	1.29		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:31	BML
7782-49-2	Selenium	ND		mg/kg dry	2.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:31	BML
7440-22-4	Silver	ND		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:31	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0319	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/11/2018 14:12	12/11/2018 19:33	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:10	12/11/2018 17:15	TJM

Sample Information

Client Sample ID: SB-18 (4'-5' bg)

York Sample ID: 18L0382-18

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 2:25 pm

Date Received

12/10/2018



Sample Information

Client Sample ID: SB-18 (4'-5' bg)

York Sample ID: 18L0382-18

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 2:25 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:49	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/12/2018 17:00	12/13/2018 05:49	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:49	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:49	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ



Sample Information

Client Sample ID: SB-18 (4'-5' bg)

York Sample ID: 18L0382-18

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 2:25 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
67-64-1	Acetone	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:49	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:49	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:49	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:49	LLJ



Sample Information

Client Sample ID: SB-18 (4'-5' bg)

York Sample ID: 18L0382-18

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 2:25 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:49	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:49	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:49	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:49	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 17:00	12/13/2018 05:49	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/12/2018 17:00	12/13/2018 05:49	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/12/2018 17:00	12/13/2018 05:49	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ



Sample Information

Client Sample ID: SB-18 (4'-5' bg)

York Sample ID: 18L0382-18

York Project (SDG) No.

18L0382

Client Project ID

26747.00

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Collection Date/Time

December 7, 2018 2:25 pm

Date Received

12/10/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH	12/12/2018 17:00	12/13/2018 05:49	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/12/2018 17:00	12/13/2018 05:49	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW



Sample Information

Client Sample ID: SB-18 (4'-5' bg)

York Sample ID: 18L0382-18

York Project (SDG) No.

18L0382

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December 7, 2018 2:25 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
83-32-9	Acenaphthene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW



Sample Information

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York Sample ID: 18L0382-18

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
98-86-2	Acetophenone	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
62-53-3	Aniline	ND		ug/kg dry	174	348	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
120-12-7	Anthracene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
1912-24-9	Atrazine	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
92-87-5	Benzidine	ND		ug/kg dry	174	348	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
65-85-0	Benzoic acid	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
105-60-2	Caprolactam	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
86-74-8	Carbazole	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW



Sample Information

Client Sample ID: SB-18 (4'-5' bg)

York Sample ID: 18L0382-18

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 2:25 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
206-44-0	Fluoranthene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
86-73-7	Fluorene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
78-59-1	Isophorone	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
91-20-3	Naphthalene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW



Sample Information

Client Sample ID: SB-18 (4'-5' bg)

York Sample ID: 18L0382-18

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 2:25 pm

Date Received

12/10/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
108-95-2	Phenol	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
129-00-0	Pyrene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:47	12/19/2018 01:04	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	57.6 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	56.6 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	61.9 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	56.9 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	58.9 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	68.8 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
309-00-2	Aldrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/14/2018 14:52	12/18/2018 06:37	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
57-74-9	Chlordane, total	ND		ug/kg dry	34.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM



Sample Information

Client Sample ID: SB-18 (4'-5' bg)

York Sample ID: 18L0382-18

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 2:25 pm

Date Received

12/10/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/14/2018 14:52	12/18/2018 06:37	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
72-20-8	Endrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/14/2018 14:52	12/18/2018 06:37	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.59	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
8001-35-2	Toxaphene	ND		ug/kg dry	87.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/14/2018 14:52	12/18/2018 06:37	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	69.5 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	76.1 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:20	TJD
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:20	TJD
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:20	TJD
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:20	TJD
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:20	TJD
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:20	TJD



Sample Information

Client Sample ID: SB-18 (4'-5' bg)

York Sample ID: 18L0382-18

York Project (SDG) No.

18L0382

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 7, 2018 2:25 pm

Date Received

12/10/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/14/2018 14:52	12/17/2018 15:20	TJD
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	12/14/2018 14:52	12/17/2018 15:20	TJD
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	73.3 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	57.2 %		30-140						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	39.1		mg/kg dry	1.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:34	BML
7440-39-3	Barium	9.67		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:34	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:34	BML
7440-47-3	Chromium	2.71		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:34	BML
7439-92-1	Lead	1.45		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:34	BML
7782-49-2	Selenium	ND		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:34	BML
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/11/2018 10:32	12/12/2018 12:34	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0313	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/11/2018 14:12	12/11/2018 19:42	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.8		%	0.100	1	SM 2540G Certifications: CTDOH	12/11/2018 10:10	12/11/2018 17:15	TJM



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18L0382-01	CP-2	40mL Vial with Stir Bar-Cool 4° C
18L0382-02	ST-3A	40mL Vial with Stir Bar-Cool 4° C
18L0382-03	CP-3	40mL Vial with Stir Bar-Cool 4° C
18L0382-04	SD-1	40mL Vial with Stir Bar-Cool 4° C
18L0382-05	SD-2	40mL Vial with Stir Bar-Cool 4° C
18L0382-09	SB-2 (9' bg)	40mL Vial with Stir Bar-Cool 4° C
18L0382-10	SB-4 (2' bg)	40mL Vial with Stir Bar-Cool 4° C
18L0382-11	SB-5 (8' bg)	40mL Vial with Stir Bar-Cool 4° C
18L0382-12	HL-2 (2'-3' bg)	40mL Vial with Stir Bar-Cool 4° C
18L0382-13	SB-11 (9' bg)	40mL Vial with Stir Bar-Cool 4° C
18L0382-14	SB-13 (5' bg)	40mL Vial with Stir Bar-Cool 4° C
18L0382-15	SB-18 (7' bg)	40mL Vial with Stir Bar-Cool 4° C
18L0382-16	SB-5 (5' bg)	40mL Vial with Stir Bar-Cool 4° C
18L0382-17	SB-11 (3'-4' bg)	40mL Vial with Stir Bar-Cool 4° C
18L0382-18	SB-18 (4'-5' bg)	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-06	Compound was below 10% recovery due to degradation of compound in spiking mixture. All calibration criteria has been met.
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-SRD1	The serial dilution for this element was outside control limits.
M-CRL	The RL check for this element recovered outside of control limits.
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.
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.
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.

Field Chain-of-Custody Record

YORK Project No.

18L0382

Page 1 of 1

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.

YOUR INFORMATION			Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Address:		Company:	Address:		Company:	Address:		RUSH - Next Day	
Phone:	Contact:		Company:	Address:		Company:	Address:		RUSH - Two Day	
Phone:	Contact:		Company:	Address:		Company:	Address:		RUSH - Three Day	
Phone:	Contact:		Company:	Address:		Company:	Address:		RUSH - Four Day	
Phone:	Contact:		Company:	Address:		Company:	Address:		Standard (5-7 Day)	
VHPB 100 Motor Parkway Hempstead, NY 16315813-8537 Rooney C Rooney C Rooney			Kaplan Kaplan Kaplan Kaplan Kaplan		Abel Abel Abel Abel Abel		26747.00 Tan O'Shander		YORK Reg. Comp. Compared to the following Regulation(s): (please fill in) UNRESTRICTED	
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.			Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
S - soil / solid / dredge			New York		Summary Report		CT RCP		Standard Excel EDD	
GW - groundwater			New Jersey		QA Report		CT RCP DOA/DUE		EQUIS (Standard)	
DW - drinking water			Connecticut		NY ASP A Package		NJDEP Reduced Deliverables		NYSDEC EQUIS	
WW - wastewater			Pennsylvania		NY ASP B Package		NJDEP SRP HazSite			
O - Oil / Other			Other				NJDKQP		Other:	
Sample Identification			Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
SB-9 (7'69") - 02-12-18			S-5		12/16/18 1200					
CP-2			S-6930		12/17/18 0930		TEL VOCs, TEL SVOCs, PCRA metals		5035K-1, 802J-1	
ST-3A			↓		1600					
CP-3			↓		1030					
SD-1			↓		1330					
SD-2			↓		1340					
Comments:			Preservation: (check all that apply)		Special Instruction					
HCl MeOH HNO3 H2SO4 NaOH ZnAc			Field Filtered		Lab to Filter					
Date/Time			Date/Time		Date/Time					
12/10/18 1235			12/10/18 1205PM		12/10/18 1218					
Received by / Company			Samples Relinquished by / Company		Samples Received by / Company					
C Rooney			K Sadhyan		K Sadhyan					
Date/Time			Date/Time		Date/Time					
12/10/18 1235			12/10/18 1205PM		12/10/18 1218					
Relinquished by / Company			Samples Relinquished by / Company		Samples Received by / Company					
C Rooney			K Sadhyan		K Sadhyan					
Date/Time			Date/Time		Date/Time					
12/10/18 1235			12/10/18 1205PM		12/10/18 1218					
Temp. Received at Lab			Temp. Received at Lab		Temp. Received at Lab					
2.4			2.4		2.4					

Field Chain-of-Custody Record

YORK Project No.

18/03/82

Page 2 of 2

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.

[illegible]



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

Field Chain-of-Custody Record

YORK Project No.

18L-0382

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

Your signature binds you to YORK's Standard Terms & Conditions.

Page 3 of 3

YOUR INFORMATION			Report To:			Invoice To:			YOUR Project Number			Turn-Around Time		
Company:			Company:			Company:			26747.00			RUSH - Next Day		
Address:			Address:			Address:			YOUR Project Name			RUSH - Two Day		
Phone:			Phone:			Phone:			TAN O'SWANTER			RUSH - Three Day		
Contact:			Contact:			Contact:			YOUR PO#:			RUSH - Four Day		
E-mail:			E-mail:			E-mail:						Standard (5-7 Day)		
VHB 100 HARTZMAN HAWTHORNE, NJ 16315 813-8937 ROONEY crooney@vnb.com			KAPLAN skaplan@vnhb.com			ALBERTS babbertse@vnhb.com			YORK Reg. Comp.			Compared to the following Regulation(s): (please fill in) unrestricted		
CHRISTOPHER ROONEY			Samples Collected by: (print your name above and sign below)						Report / EDD Type (circle selections)			Container Description		
									Summary Report			Analysis Requested		
									CT RCP			5035 KIT, 802 JAR		
									QA Report					
									NY ASP A Package					
									NY ASP B Package					
									Other:					
									Date/Time Sampled					
									New York					
									New Jersey					
									Connecticut					
									Pennsylvania					
									Other					
									Matrix Codes					
									S - soil / solid					
									GW - groundwater					
									DW - drinking water					
									WW - wastewater					
									O - Oil : Other					
									Sample Matrix					
									S					
									Date/Time					
									12/6/18 0930					
									12/6/18 1230					
									12/6/18 1045					
									12/7/18 1220					
									12/7/18 0810					
									12/7/18 0845					
									12/7/18 1430					
									12/6/18 1630					
									12/7/18 0800					
									12/7/18 1425					
									Preservation: (check all that apply)			Special Instruction		
									HCl MeOH HNO ₃ H ₂ SO ₄ NaOH ZnAc			Field Filtered Lab to Filter		
									Ascorbic Acid Other: ice, frozen 5035 kits					
									Date/Time			Date/Time		
									12/6/18 1235A			12/6/18 1718		
									Samples Relinquished by / Company			Samples Received by / Company		
									12/6/18 1235A			12/6/18 1718		
									Date/Time			Date/Time		
									12/6/18 1235A			12/6/18 1718		
									Samples Relinquished by / Company			Samples Received at Lab		
									12/6/18 1235A			2.4		
									Date/Time			Degrees C		



Technical Report

prepared for:

VHB

100 Motor Parkway, Suite 135

Hauppauge NY, 11788

Attention: Stephen Kaplan

Report Date: 01/04/2019

Client Project ID: 26747 Tam OShanter

York Project (SDG) No.: 18L1078

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
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132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 01/04/2019
Client Project ID: 26747 Tam OShanter
York Project (SDG) No.: 18L1078

VHB
100 Motor Parkway, Suite 135
Hauppauge NY, 11788
Attention: Stephen Kaplan

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 December 26, 2018 and listed below. The project was identified as your project: **26747 Tam OShanter**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
18L1078-01	OS-2 (0-2")	Soil	12/24/2018	12/26/2018
18L1078-02	OS-2 (10"-12")	Soil	12/24/2018	12/26/2018
18L1078-03	OS-2 (22"-24")	Soil	12/24/2018	12/26/2018
18L1078-04	OS-3 (0-2")	Soil	12/24/2018	12/26/2018
18L1078-05	OS-3 (10"-12")	Soil	12/24/2018	12/26/2018
18L1078-06	OS-3 (22"-24")	Soil	12/24/2018	12/26/2018
18L1078-07	OS-4 (0-2")	Soil	12/24/2018	12/26/2018
18L1078-08	OS-4 (10"-12")	Soil	12/24/2018	12/26/2018
18L1078-09	OS-4 (22"-24")	Soil	12/24/2018	12/26/2018

General Notes for York Project (SDG) No.: 18L1078

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 01/04/2019





Sample Information

Client Sample ID: OS-2 (0-2")

York Sample ID: 18L1078-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L1078

26747 Tam OShanter

Soil

December 24, 2018 12:05 pm

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
309-00-2	Aldrin	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
5103-71-9	alpha-Chlordane	15.6		ug/kg dry	2.11	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 08:35	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
57-74-9	Chlordane, total	ND		ug/kg dry	42.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 08:35	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
72-20-8	Endrin	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
5566-34-7	gamma-Chlordane	3.64		ug/kg dry	2.11	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 08:35	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
1024-57-3	Heptachlor epoxide	3.62		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
72-43-5	Methoxychlor	ND		ug/kg dry	10.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM



Sample Information

Client Sample ID: OS-2 (0-2")

York Sample ID: 18L1078-01

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 12:05 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	107	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:35	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	40.3 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	44.7 %		30-150						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:35	KML
7440-39-3	Barium	22.7		mg/kg dry	3.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:35	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.385	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:35	KML
7440-47-3	Chromium	18.6		mg/kg dry	0.641	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:35	KML
7439-92-1	Lead	18.4		mg/kg dry	0.641	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:35	KML
7782-49-2	Selenium	ND		mg/kg dry	3.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:35	KML
7440-22-4	Silver	ND		mg/kg dry	0.641	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:35	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0570		mg/kg dry	0.0385	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 11:45	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	77.9		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:06	01/02/2019 20:53	TAJ



Sample Information

Client Sample ID: OS-2 (10"-12")

York Sample ID: 18L1078-02

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 12:07 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
309-00-2	Aldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 08:50	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
57-74-9	Chlordane, total	ND		ug/kg dry	39.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 08:50	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
72-20-8	Endrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 08:50	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM



Sample Information

Client Sample ID: OS-2 (10"-12")

York Sample ID: 18L1078-02

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 12:07 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	99.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 08:50	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	66.6 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	68.7 %			30-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:38	KML
7440-39-3	Barium	50.8		mg/kg dry	2.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:38	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.357	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:38	KML
7440-47-3	Chromium	13.5		mg/kg dry	0.594	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:38	KML
7439-92-1	Lead	14.8		mg/kg dry	0.594	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:38	KML
7782-49-2	Selenium	ND		mg/kg dry	2.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:38	KML
7440-22-4	Silver	ND		mg/kg dry	0.594	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:38	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0549		mg/kg dry	0.0357	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 11:53	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.1		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:06	01/02/2019 20:53	TAJ



Sample Information

Client Sample ID: OS-2 (22"-24")

York Sample ID: 18L1078-03

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 12:09 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
309-00-2	Aldrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 09:05	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 09:05	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
72-20-8	Endrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 09:05	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.48	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:05	CM



Sample Information

Client Sample ID: OS-2 (22"-24")

York Sample ID: 18L1078-03

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 12:09 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	95.9	5	EPA 8081B	01/03/2019 07:49	01/04/2019 09:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	57.9 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	69.3 %	30-150							

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.73	1	EPA 6010D	12/27/2018 11:36	12/27/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	34.2		mg/kg dry	2.88	1	EPA 6010D	12/27/2018 11:36	12/27/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.345	1	EPA 6010D	12/27/2018 11:36	12/27/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	11.2		mg/kg dry	0.575	1	EPA 6010D	12/27/2018 11:36	12/27/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	6.28		mg/kg dry	0.575	1	EPA 6010D	12/27/2018 11:36	12/27/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.88	1	EPA 6010D	12/27/2018 11:36	12/27/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.575	1	EPA 6010D	12/27/2018 11:36	12/27/2018 18:45	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0345	1	EPA 7473	12/27/2018 09:52	12/27/2018 12:02	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.9		%	0.100	1	SM 2540G	01/02/2019 14:06	01/02/2019 20:53	TAJ
							Certifications:	CTDOH		



Sample Information

Client Sample ID: OS-3 (0-2")

York Sample ID: 18L1078-04

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 12:45 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
309-00-2	Aldrin	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 09:20	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
57-74-9	Chlordane, total	ND		ug/kg dry	43.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 09:20	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
72-20-8	Endrin	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 09:20	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.18	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
72-43-5	Methoxychlor	ND		ug/kg dry	10.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM



Sample Information

Client Sample ID: OS-3 (0-2")

York Sample ID: 18L1078-04

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 12:45 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	110	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:20	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	32.7 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	48.0 %					30-150			

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	10.1		mg/kg dry	1.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:47	KML
7440-39-3	Barium	17.1		mg/kg dry	3.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:47	KML
7440-43-9	Cadmium	1.31		mg/kg dry	0.397	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:47	KML
7440-47-3	Chromium	73.9		mg/kg dry	0.662	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:47	KML
7439-92-1	Lead	32.0		mg/kg dry	0.662	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:47	KML
7782-49-2	Selenium	ND		mg/kg dry	3.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:47	KML
7440-22-4	Silver	ND		mg/kg dry	0.662	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:47	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.706		mg/kg dry	0.0397	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 12:10	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	75.5		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:06	01/02/2019 20:53	TAJ



Sample Information

Client Sample ID: OS-3 (10"-12")

York Sample ID: 18L1078-05

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 12:49 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
309-00-2	Aldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 09:35	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
57-74-9	Chlordane, total	ND		ug/kg dry	39.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 09:35	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
72-20-8	Endrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 09:35	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM



Sample Information

Client Sample ID: OS-3 (10"-12")

York Sample ID: 18L1078-05

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 12:49 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	99.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:35	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	43.2 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	53.8 %			30-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	30.4		mg/kg dry	1.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:50	KML
7440-39-3	Barium	47.2		mg/kg dry	2.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:50	KML
7440-43-9	Cadmium	0.711		mg/kg dry	0.357	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:50	KML
7440-47-3	Chromium	24.0		mg/kg dry	0.595	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:50	KML
7439-92-1	Lead	32.5		mg/kg dry	0.595	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:50	KML
7782-49-2	Selenium	ND		mg/kg dry	2.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:50	KML
7440-22-4	Silver	ND		mg/kg dry	0.595	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:50	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.455		mg/kg dry	0.0357	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 12:22	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.1		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:06	01/02/2019 20:53	TAJ



Sample Information

Client Sample ID: OS-3 (22"-24")

York Sample ID: 18L1078-06

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 12:55 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
309-00-2	Aldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 09:50	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 09:50	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 09:50	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.41	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM



Sample Information

Client Sample ID: OS-3 (22"-24")

York Sample ID: 18L1078-06

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 12:55 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	95.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 09:50	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	80.6 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	81.0 %		30-150						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.41		mg/kg dry	1.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:52	KML
7440-39-3	Barium	28.2		mg/kg dry	2.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:52	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.342	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:52	KML
7440-47-3	Chromium	12.9		mg/kg dry	0.571	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:52	KML
7439-92-1	Lead	12.6		mg/kg dry	0.571	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:52	KML
7782-49-2	Selenium	ND		mg/kg dry	2.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:52	KML
7440-22-4	Silver	ND		mg/kg dry	0.571	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:52	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.104		mg/kg dry	0.0342	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 12:30	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.6		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:06	01/02/2019 20:53	TAJ



Sample Information

Client Sample ID: OS-4 (0-2")

York Sample ID: 18L1078-07

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 2:00 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
309-00-2	Aldrin	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 10:05	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
57-74-9	Chlordane, total	ND		ug/kg dry	45.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 10:05	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
72-20-8	Endrin	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 10:05	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
72-43-5	Methoxychlor	ND		ug/kg dry	11.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM



Sample Information

Client Sample ID: OS-4 (0-2")

York Sample ID: 18L1078-07

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 2:00 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	116	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:05	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	71.9 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	71.3 %								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	23.9		mg/kg dry	2.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:54	KML
7440-39-3	Barium	50.2		mg/kg dry	3.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:54	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.417	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:54	KML
7440-47-3	Chromium	19.0		mg/kg dry	0.695	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:54	KML
7439-92-1	Lead	28.7		mg/kg dry	0.695	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:54	KML
7782-49-2	Selenium	ND		mg/kg dry	3.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:54	KML
7440-22-4	Silver	ND		mg/kg dry	0.695	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:54	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.271		mg/kg dry	0.0417	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 12:39	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	72.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:06	01/02/2019 20:53	TAJ



Sample Information

Client Sample ID: OS-4 (10"-12")

York Sample ID: 18L1078-08

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 2:05 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
309-00-2	Aldrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 10:20	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
57-74-9	Chlordane, total	ND		ug/kg dry	38.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 10:20	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
72-20-8	Endrin	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 10:20	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.55	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM



Sample Information

Client Sample ID: OS-4 (10"-12")

York Sample ID: 18L1078-08

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 2:05 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	96.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:20	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	71.3 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	66.4 %		30-150						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	17.6		mg/kg dry	1.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:56	KML
7440-39-3	Barium	40.5		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:56	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.348	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:56	KML
7440-47-3	Chromium	15.0		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:56	KML
7439-92-1	Lead	22.5		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:56	KML
7782-49-2	Selenium	ND		mg/kg dry	2.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:56	KML
7440-22-4	Silver	ND		mg/kg dry	0.579	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:56	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.184		mg/kg dry	0.0348	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 12:48	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.3		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:06	01/02/2019 20:53	TAJ



Sample Information

Client Sample ID: OS-4 (22"-24")

York Sample ID: 18L1078-09

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 2:10 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
309-00-2	Aldrin	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 10:35	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
57-74-9	Chlordane, total	ND		ug/kg dry	34.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 10:35	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
72-20-8	Endrin	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 10:35	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM



Sample Information

Client Sample ID: OS-4 (22"-24")

York Sample ID: 18L1078-09

York Project (SDG) No.

18L1078

Client Project ID

26747 Tam OShanter

Matrix

Soil

Collection Date/Time

December 24, 2018 2:10 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	86.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:35	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	95.6 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	92.3 %								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.62		mg/kg dry	1.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:59	KML
7440-39-3	Barium	13.0		mg/kg dry	2.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:59	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.311	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:59	KML
7440-47-3	Chromium	10.8		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:59	KML
7439-92-1	Lead	3.65		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:59	KML
7782-49-2	Selenium	ND		mg/kg dry	2.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:59	KML
7440-22-4	Silver	ND		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 18:59	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0311	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 12:57	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.4		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:06	01/02/2019 20:53	TAJ



Sample and Data Qualifiers Relating to This Work Order

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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YORK
ANALYTICAL LABORATORIES, INC.

Field Chain-of-Custody Record

YORK Project No.

18L1078

Page of

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.

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	VHR	Company:		Company:		26747		RUSH - Next Day	
Address:	100 Motor Parkway	Address:		Address:		YOUR Project Name		RUSH - Two Day	
Phone:	Hempstead, NY	Phone:		Phone:		TAM O'Shaughnessy		RUSH - Three Day	
Contact:	Rooney	Contact:	Kaplan	Contact:	Albrecht			RUSH - Four Day	
E-mail:	crooney@vhr.com	E-mail:	skaplan@vhr.com	E-mail:	babbar@vhr.com	YOUR PO#:		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.		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
Christopher Rooney Samples Collected by: (print your name above and sign below) <i>Christopher Rooney</i>		S soil / solid		New York		CT RCP		Compared to the following Regulation(s) (please fill in)	
		GW - groundwater		New Jersey		QA Report		Standard Excel EDD	unregistered
		DW - drinking water		Connecticut		NY ASP A Package		CT RCP DQA/DUE	
		WW - wastewater		Pennsylvania		NY ASP B Package		NJDEP Reduced Deliverables	
		O - Oil ; Other		Other				NJDEP SRP HazSite	
								Other:	
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
OS-2 (0-2")		S		12/24/18 1205		TCL pesticides, RCPA metals		2x4oz jar	
OS-2 (10"-12")				1207					
OS-2 (22"-24")				1209					
OS-3 (0-2")				1245					
OS-3 (10"-12")				1249					
OS-3 (22"-24")				1253					
OS-4 (0-2")				1400					
OS-4 (10"-12")				1405					
OS-4 (22"-24")				1410					
Comments:									
Samples Relinquished by / Company		Date/Time		Samples Received by / Company		Date/Time		Special Instruction	
VHR		12/26/18 1115		VHR		12/26/18 1155AM		Field Filtered	
Received by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Lab to Filter	
Samples Relinquished by / Company		Date/Time		Samples Received by / Company		Date/Time		Temp. Received at Lab	
								1.9	



Technical Report

prepared for:

VHB

100 Motor Parkway, Suite 135

Hauppauge NY, 11788

Attention: Stephen Kaplan

Report Date: 01/04/2019

Client Project ID: 26747.00

York Project (SDG) No.: 18L1082

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
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132-02 89th AVENUE
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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 01/04/2019
Client Project ID: 26747.00
York Project (SDG) No.: 18L1082

VHB
100 Motor Parkway, Suite 135
Hauppauge NY, 11788
Attention: Stephen Kaplan

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 December 26, 2018 and listed below. The project was identified as your project: **26747.00**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
18L1082-01	OS-5 (0-2")	Soil	12/24/2018	12/26/2018
18L1082-02	OS-5 (10"-12")	Soil	12/24/2018	12/26/2018
18L1082-03	OS-5 (22"-24")	Soil	12/24/2018	12/26/2018
18L1082-04	OS-6 (0-2")	Soil	12/24/2018	12/26/2018
18L1082-05	OS-6 (10"-12")	Soil	12/24/2018	12/26/2018
18L1082-06	OS-6 (22"-24")	Soil	12/24/2018	12/26/2018
18L1082-07	DW-2	Soil	12/24/2018	12/26/2018
18L1082-08	DW-5	Soil	12/24/2018	12/26/2018

General Notes for York Project (SDG) No.: 18L1082

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 01/04/2019





Sample Information

Client Sample ID: OS-5 (0-2")

York Sample ID: 18L1082-01

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 2:30 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
309-00-2	Aldrin	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 10:50	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
57-74-9	Chlordane, total	ND		ug/kg dry	42.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 10:50	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
72-20-8	Endrin	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 10:50	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM



Sample Information

Client Sample ID: OS-5 (0-2")

York Sample ID: 18L1082-01

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 2:30 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/kg dry	10.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
8001-35-2	Toxaphene	ND		ug/kg dry	108	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 10:50	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	58.4 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	66.5 %		30-150						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	20.0		mg/kg dry	1.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:01	KML
7440-39-3	Barium	44.1		mg/kg dry	3.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:01	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.390	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:01	KML
7440-47-3	Chromium	15.4		mg/kg dry	0.651	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:01	KML
7439-92-1	Lead	46.7		mg/kg dry	0.651	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:01	KML
7782-49-2	Selenium	ND		mg/kg dry	3.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:01	KML
7440-22-4	Silver	ND		mg/kg dry	0.651	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:01	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0787		mg/kg dry	0.0390	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 10:16	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.8		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:04	01/02/2019 20:46	TAJ



Sample Information

Client Sample ID: OS-5 (10"-12")

York Sample ID: 18L1082-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L1082

26747.00

Soil

December 24, 2018 2:35 pm

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
309-00-2	Aldrin	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 11:05	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
57-74-9	Chlordane, total	ND		ug/kg dry	42.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 11:05	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
72-20-8	Endrin	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 11:05	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
72-43-5	Methoxychlor	ND		ug/kg dry	10.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM



Sample Information

Client Sample ID: OS-5 (10"-12")

York Sample ID: 18L1082-02

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 2:35 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	107	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:05	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	69.4 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	74.9 %		30-150						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	14.2		mg/kg dry	1.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:03	KML
7440-39-3	Barium	43.2		mg/kg dry	3.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:03	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.384	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:03	KML
7440-47-3	Chromium	16.7		mg/kg dry	0.640	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:03	KML
7439-92-1	Lead	29.4		mg/kg dry	0.640	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:03	KML
7782-49-2	Selenium	ND		mg/kg dry	3.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:03	KML
7440-22-4	Silver	ND		mg/kg dry	0.640	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:03	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0862		mg/kg dry	0.0384	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 10:25	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.1		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:04	01/02/2019 20:46	TAJ



Sample Information

Client Sample ID: OS-5 (22"-24")

York Sample ID: 18L1082-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L1082

26747.00

Soil

December 24, 2018 2:45 pm

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
309-00-2	Aldrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 11:20	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
57-74-9	Chlordane, total	ND		ug/kg dry	38.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 11:20	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
72-20-8	Endrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 11:20	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.49	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:20	CM



Sample Information

Client Sample ID: OS-5 (22"-24")

York Sample ID: 18L1082-03

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 2:45 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	96.1	5	EPA 8081B	01/03/2019 07:49	01/04/2019 11:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	71.7 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	70.4 %	30-150							

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.53		mg/kg dry	1.73	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	32.3		mg/kg dry	2.88	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.346	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	15.2		mg/kg dry	0.576	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	9.79		mg/kg dry	0.576	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.88	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.576	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:05	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0448		mg/kg dry	0.0346	1	EPA 7473	12/27/2018 09:52	12/27/2018 10:33	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.8		%	0.100	1	SM 2540G	01/02/2019 14:04	01/02/2019 20:46	TAJ
							Certifications:	CTDOH		



Sample Information

Client Sample ID: OS-6 (0-2")

York Sample ID: 18L1082-04

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 3:00 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
309-00-2	Aldrin	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 11:35	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
57-74-9	Chlordane, total	ND		ug/kg dry	48.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 11:35	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
72-20-8	Endrin	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 11:35	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.40	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
72-43-5	Methoxychlor	ND		ug/kg dry	12.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM



Sample Information

Client Sample ID: OS-6 (0-2")

York Sample ID: 18L1082-04

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 3:00 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	122	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:35	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	35.2 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	39.4 %								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	11.2		mg/kg dry	2.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:12	KML
7440-39-3	Barium	29.8		mg/kg dry	3.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:12	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.437	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:12	KML
7440-47-3	Chromium	11.7		mg/kg dry	0.729	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:12	KML
7439-92-1	Lead	31.7		mg/kg dry	0.729	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:12	KML
7782-49-2	Selenium	ND		mg/kg dry	3.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:12	KML
7440-22-4	Silver	ND		mg/kg dry	0.729	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:12	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.124		mg/kg dry	0.0437	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 10:42	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	68.6		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:04	01/02/2019 20:46	TAJ



Sample Information

Client Sample ID: OS-6 (10"-12")

York Sample ID: 18L1082-05

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 3:02 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	6.99		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
50-29-3	4,4'-DDT	7.23		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
309-00-2	Aldrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 11:50	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
60-57-1	Dieldrin	5.58		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 11:50	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
72-20-8	Endrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 11:50	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.28	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM



Sample Information

Client Sample ID: OS-6 (10"-12")

York Sample ID: 18L1082-05

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 3:02 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 11:50	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	72.6 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.7 %		30-150						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	26.0		mg/kg dry	1.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:15	KML
7440-39-3	Barium	40.7		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:15	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.338	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:15	KML
7440-47-3	Chromium	11.3		mg/kg dry	0.563	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:15	KML
7439-92-1	Lead	26.2		mg/kg dry	0.563	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:15	KML
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:15	KML
7440-22-4	Silver	ND		mg/kg dry	0.563	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:15	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.180		mg/kg dry	0.0338	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 10:50	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.8		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:04	01/02/2019 20:46	TAJ



Sample Information

Client Sample ID: OS-6 (22"-24")

York Sample ID: 18L1082-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L1082

26747.00

Soil

December 24, 2018 3:10 pm

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
309-00-2	Aldrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 12:05	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
57-74-9	Chlordane, total	ND		ug/kg dry	39.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/03/2019 07:49	01/04/2019 12:05	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
72-20-8	Endrin	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/03/2019 07:49	01/04/2019 12:05	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:49	01/04/2019 12:05	CM



Sample Information

Client Sample ID: OS-6 (22"-24")

York Sample ID: 18L1082-06

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 3:10 pm

Date Received

12/26/2018

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

					Reported to	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CAS No.	Parameter	Result	Flag	Units	LOQ					
8001-35-2	Toxaphene	ND		ug/kg dry	99.6	5	EPA 8081B	01/03/2019 07:49	01/04/2019 12:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	72.1 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	63.3 %	30-150							

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.79	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	57.2		mg/kg dry	2.98	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.358	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	21.4		mg/kg dry	0.597	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	12.7		mg/kg dry	0.597	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.98	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.597	1	EPA 6010D	12/27/2018 11:36	12/27/2018 19:17	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0596		mg/kg dry	0.0358	1	EPA 7473	12/27/2018 09:52	12/27/2018 10:59	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.8		%	0.100	1	SM 2540G	01/02/2019 14:04	01/02/2019 20:46	TAJ
							Certifications:	CTDOH		



Sample Information

Client Sample ID: DW-2

York Sample ID: 18L1082-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L1082

26747.00

Soil

December 24, 2018 10:45 am

12/26/2018

Volatile Organics, TCL (Target Compound 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
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/28/2018 07:15	12/29/2018 05:50	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
78-93-3	2-Butanone	42	CCV-E	ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
67-64-1	Acetone	77		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ



Sample Information

Client Sample ID: DW-2

York Sample ID: 18L1082-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L1082

26747.00

Soil

December 24, 2018 10:45 am

12/26/2018

Volatile Organics, TCL (Target Compound 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
75-15-0	Carbon disulfide	3.9	J	ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/28/2018 07:15	12/29/2018 05:50	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/28/2018 07:15	12/29/2018 05:50	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
91-20-3	Naphthalene	ND		ug/kg dry	2.6	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/28/2018 07:15	12/29/2018 05:50	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/28/2018 07:15	12/29/2018 05:50	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/28/2018 07:15	12/29/2018 05:50	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ



Sample Information

Client Sample ID: DW-2

York Sample ID: 18L1082-07

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 10:45 am

Date Received

12/26/2018

Volatile Organics, TCL (Target Compound 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
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
108-88-3	Toluene	12000		ug/kg dry	260	530	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/31/2018 12:52	01/02/2019 16:44	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 05:50	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.8 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	103 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	117 %	76-130								

Semi-Volatiles, EPA TCL 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	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW



Sample Information

Client Sample ID: DW-2

York Sample ID: 18L1082-07

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 10:45 am

Date Received

12/26/2018

Semi-Volatiles, EPA TCL 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
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	168	335	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	168	335	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	168	335	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	168	335	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	168	335	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	168	335	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
83-32-9	Acenaphthene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW



Sample Information

Client Sample ID: DW-2

York Sample ID: 18L1082-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18L1082

26747.00

Soil

December 24, 2018 10:45 am

12/26/2018

Semi-Volatiles, EPA TCL 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
120-12-7	Anthracene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
56-55-3	Benzo(a)anthracene	440		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
50-32-8	Benzo(a)pyrene	433		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
205-99-2	Benzo(b)fluoranthene	519		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
191-24-2	Benzo(g,h,i)perylene	386		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
207-08-9	Benzo(k)fluoranthene	428		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	84.1	168	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
117-81-7	Bis(2-ethylhexyl)phthalate	1890		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
218-01-9	Chrysene	637		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
53-70-3	Dibenzo(a,h)anthracene	95.2	J	ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
206-44-0	Fluoranthene	1300		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
86-73-7	Fluorene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW



Sample Information

Client Sample ID: DW-2

York Sample ID: 18L1082-07

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 10:45 am

Date Received

12/26/2018

Semi-Volatiles, EPA TCL 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
118-74-1	Hexachlorobenzene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
193-39-5	Indeno(1,2,3-cd)pyrene	355		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
78-59-1	Isophorone	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
91-20-3	Naphthalene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
85-01-8	Phenanthrene	692		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
108-95-2	Phenol	ND		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
129-00-0	Pyrene	1010		ug/kg dry	84.1	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 01:46	OW
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	50.1 %									
4165-62-2	Surrogate: SURR: Phenol-d5	50.0 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	54.4 %									
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	51.3 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	121 %	S-08								
1718-51-0	Surrogate: SURR: Terphenyl-d14	65.0 %									

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.32		mg/kg dry	2.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:19	KML

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Sample Information

Client Sample ID: DW-2

York Sample ID: 18L1082-07

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 10:45 am

Date Received

12/26/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	10.4		mg/kg dry	3.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:19	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.402	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:19	KML
7440-47-3	Chromium	4.06		mg/kg dry	0.671	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:19	KML
7439-92-1	Lead	6.69		mg/kg dry	0.671	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:19	KML
7782-49-2	Selenium	14.1		mg/kg dry	3.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:19	KML
7440-22-4	Silver	ND		mg/kg dry	0.671	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:19	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0402	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 11:07	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	74.5		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:04	01/02/2019 20:46	TAJ

Sample Information

Client Sample ID: DW-5

York Sample ID: 18L1082-08

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 3:30 pm

Date Received

12/26/2018

Volatile Organics, TCL (Target Compound 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
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ



Sample Information

Client Sample ID: DW-5

York Sample ID: 18L1082-08

York Project (SDG) No.

18L1082

Client Project ID

26747.00

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Soil

Collection Date/Time

December 24, 2018 3:30 pm

Date Received

12/26/2018

Volatile Organics, TCL (Target Compound 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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	12/28/2018 07:15	12/29/2018 06:17	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
67-64-1	Acetone	ND		ug/kg dry	12	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
71-43-2	Benzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
75-25-2	Bromoform	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ



Sample Information

Client Sample ID: DW-5

York Sample ID: 18L1082-08

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 3:30 pm

Date Received

12/26/2018

Volatile Organics, TCL (Target Compound 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
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
67-66-3	Chloroform	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/28/2018 07:15	12/29/2018 06:17	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/28/2018 07:15	12/29/2018 06:17	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	12	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
91-20-3	Naphthalene	ND		ug/kg dry	5.8	23	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	12/28/2018 07:15	12/29/2018 06:17	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/28/2018 07:15	12/29/2018 06:17	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	12/28/2018 07:15	12/29/2018 06:17	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
100-42-5	Styrene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ



Sample Information

Client Sample ID: DW-5

York Sample ID: 18L1082-08

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 3:30 pm

Date Received

12/26/2018

Volatile Organics, TCL (Target Compound 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
108-88-3	Toluene	9.8	J	ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	35	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	12/28/2018 07:15	12/29/2018 06:17	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	106 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	119 %	76-130								

Semi-Volatiles, EPA TCL 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	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	254	507	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW



Sample Information

Client Sample ID: DW-5

York Sample ID: 18L1082-08

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 3:30 pm

Date Received

12/26/2018

Semi-Volatiles, EPA TCL 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
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	254	507	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	254	507	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	254	507	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	254	507	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	254	507	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
83-32-9	Acenaphthene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
120-12-7	Anthracene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW



Sample Information

Client Sample ID: DW-5

York Sample ID: 18L1082-08

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 3:30 pm

Date Received

12/26/2018

Semi-Volatiles, EPA TCL 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	158	J	ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
65-85-0	Benzoic acid	ND	QL-02	ug/kg dry	127	254	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
117-81-7	Bis(2-ethylhexyl)phthalate	225	J	ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
218-01-9	Chrysene	160	J	ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
206-44-0	Fluoranthene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
86-73-7	Fluorene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW



Sample Information

Client Sample ID: DW-5

York Sample ID: 18L1082-08

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 3:30 pm

Date Received

12/26/2018

Semi-Volatiles, EPA TCL 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
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
78-59-1	Isophorone	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
91-20-3	Naphthalene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
85-01-8	Phenanthrene	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
108-95-2	Phenol	ND		ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW
129-00-0	Pyrene	164	J	ug/kg dry	127	254	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/03/2019 07:43	01/04/2019 02:17	OW

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	61.2 %		20-108
4165-62-2	Surrogate: SURR: Phenol-d5	59.5 %		23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	61.4 %		22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.2 %		21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	130 %	S-08	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	70.6 %		24-116

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.49		mg/kg dry	3.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:21	KML



Sample Information

Client Sample ID: DW-5

York Sample ID: 18L1082-08

York Project (SDG) No.

18L1082

Client Project ID

26747.00

Matrix

Soil

Collection Date/Time

December 24, 2018 3:30 pm

Date Received

12/26/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	42.8		mg/kg dry	5.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:21	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.608	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:21	KML
7440-47-3	Chromium	12.3		mg/kg dry	1.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:21	KML
7439-92-1	Lead	27.4		mg/kg dry	1.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:21	KML
7782-49-2	Selenium	ND		mg/kg dry	5.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:21	KML
7440-22-4	Silver	ND		mg/kg dry	1.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/27/2018 11:36	12/27/2018 19:21	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0857		mg/kg dry	0.0608	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/27/2018 09:52	12/27/2018 11:16	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	49.3		%	0.100	1	SM 2540G Certifications: CTDOH	01/02/2019 14:04	01/02/2019 20:46	TAJ



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18L1082-07	DW-2	40mL Vial with Stir Bar-Cool 4° C
18L1082-08	DW-5	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

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

Definitions and Other Explanations

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

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

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

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



Certification for pH is no longer offered by NYDOH ELAP.

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

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



York Analytical Laboratories, Inc.
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Field Chain-of-Custody Record

YORK Project No.

18L1082

Page of

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.

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:		Company:		Company:		26747.00		RUSH - Next Day	
Address:		Address:		Address:				RUSH - Two Day	
Phone:		Phone:		Phone:				RUSH - Three Day	
Contact:		Contact:		Contact:				RUSH - Four Day	
E-mail:		E-mail:		E-mail:				Standard (5-7 Day)	
100 North Forkway Haverage, NY 631815-8937 Raney		Hapican		A. Bertas		YOUR Project Name			
craney@yorklab.com		skupian@yorklab.com		balbertas@yorklab.com		YOUR PO#:			
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.		Christopher Raney							
Samples Collected by: (print your name above and sign below)		C. Raney							
Sample Identification		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
OS-5 (0-2")	S	S - soil / solid	New York	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s) (please fill in)	Unregistered	
OS-5 (10"-12")	I	GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	Standard Excel EDD			
OS-5 (22"-24")	I	DW - drinking water	Connecticut	NY ASP A Package	NUDEP Reduced Deliverables	EQUIS (Standard)			
OS-6 (0-2")	I	WW - wastewater	Pennsylvania	NY ASP B Package	NUDKQP	NYSDEC EQUIS			
OS-6 (10"-12")	I	O - Oil ; Other	Other			NUDEP SRP HazSite			
OS-6 (22"-24")	I					Other:			
DW-2	S	Sample Matrix	Date/Time Sampled	Analysis Requested		Container Description			
DW-5	I		12/24/18 1430	TEC PESTICIDES, RCPA Metals		2402jer			
			1935						
			1445						
			1500						
			1502						
			1510						
			12/24/18 1045	TEC VOCs, T4 SVOCs, RCPA Metals		585kt, 802jw			
			1530						
Comments:		Preservation: (check all that apply)		Special Instruction					
		HCl MeOH HNO3 H2SO4 NaOH ZnAc		Field Filtered Lab to Filter					
		Ascorbic Acid Other 40C Frozen 505kirs							
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time			
12/26/18 1115		12/26/18 1154M		12/26/18 1828		12/26/18 1828			
Received by / Company		Date/Time		Samples Received by / Company		Date/Time			
12/26/18 1115		12/26/18 1154M		12/26/18 1828		12/26/18 1828			
Relinquished by / Company		Date/Time		Samples Received in Lab by		Date/Time			
12/26/18 1115		12/26/18 1154M		TC Hilder 12/26/18 1828		Temp. Received at Lab			
						1.9		Degraded C	



Technical Report

prepared for:

VHB

100 Motor Parkway, Suite 135

Hauppauge NY, 11788

Attention: Stephen Kaplan

Report Date: 01/07/2019

Client Project ID: 26747.00 Tam OShanter

York Project (SDG) No.: 18L1120

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
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STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 01/07/2019
Client Project ID: 26747.00 Tam OShanter
York Project (SDG) No.: 18L1120

VHB
100 Motor Parkway, Suite 135
Hauppauge NY, 11788
Attention: Stephen Kaplan

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 December 27, 2018 and listed below. The project was identified as your project: **26747.00 Tam OShanter**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
18L1120-01	DW-3	Soil	12/26/2018	12/27/2018
18L1120-02	DW-4	Soil	12/26/2018	12/27/2018
18L1120-03	CB-1	Soil	12/26/2018	12/27/2018

General Notes for York Project (SDG) No.: 18L1120

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 01/07/2019





Sample Information

Client Sample ID: DW-3

York Sample ID: 18L1120-01

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 17:50	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/02/2019 13:40	01/03/2019 17:50	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 17:50	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 17:50	LLJ
78-93-3	2-Butanone	11		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ



Sample Information

Client Sample ID: DW-3

York Sample ID: 18L1120-01

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
67-64-1	Acetone	ND		ug/kg dry	600	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/03/2019 12:00	01/04/2019 09:52	LLJ
107-02-8	Acrolein	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 17:50	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 17:50	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 17:50	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 17:50	LLJ



Sample Information

Client Sample ID: DW-3

York Sample ID: 18L1120-01

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 17:50	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 17:50	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 17:50	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 17:50	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/02/2019 13:40	01/03/2019 17:50	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/02/2019 13:40	01/03/2019 17:50	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 17:50	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
108-88-3	Toluene	140		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ



Sample Information

Client Sample ID: DW-3

York Sample ID: 18L1120-01

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH	01/02/2019 13:40	01/03/2019 17:50	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.9	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 17:50	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	91.6 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	97.9 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	111 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	124	247	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	124	247	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH



Sample Information

Client Sample ID: DW-3

York Sample ID: 18L1120-01

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	124	247	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	124	247	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	124	247	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	124	247	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	124	247	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	124	247	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
83-32-9	Acenaphthene	205		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH



Sample Information

Client Sample ID: DW-3

York Sample ID: 18L1120-01

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
98-86-2	Acetophenone	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
62-53-3	Aniline	ND		ug/kg dry	247	495	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
120-12-7	Anthracene	547		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
1912-24-9	Atrazine	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
92-87-5	Benzidine	ND		ug/kg dry	247	495	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
56-55-3	Benzo(a)anthracene	3850		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
50-32-8	Benzo(a)pyrene	4020		ug/kg dry	310	618	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/07/2019 11:57	OW
205-99-2	Benzo(b)fluoranthene	4650		ug/kg dry	310	618	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/07/2019 11:57	OW
191-24-2	Benzo(g,h,i)perylene	2860		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
207-08-9	Benzo(k)fluoranthene	3770		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
65-85-0	Benzoic acid	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
117-81-7	Bis(2-ethylhexyl)phthalate	336	CCV-E	ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
105-60-2	Caprolactam	ND		ug/kg dry	124	247	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
86-74-8	Carbazole	579		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
218-01-9	Chrysene	5220		ug/kg dry	310	618	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/07/2019 11:57	OW



Sample Information

Client Sample ID: DW-3

York Sample ID: 18L1120-01

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53-70-3	Dibenzo(a,h)anthracene	1170		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
132-64-9	Dibenzofuran	71.1	J	ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
206-44-0	Fluoranthene	10600		ug/kg dry	310	618	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/07/2019 11:57	OW
86-73-7	Fluorene	174		ug/kg dry	61.9	124	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
193-39-5	Indeno(1,2,3-cd)pyrene	3260		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
78-59-1	Isophorone	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
91-20-3	Naphthalene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH
85-01-8	Phenanthrene	4410		ug/kg dry	310	618	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/07/2019 11:57	OW
108-95-2	Phenol	ND		ug/kg dry	61.9	124	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 00:37	KH



Sample Information

Client Sample ID: DW-3

York Sample ID: 18L1120-01

York Project (SDG) No.
18L1120

Client Project ID
26747.00 Tam OShanter

Matrix
Soil

Collection Date/Time
December 26, 2018 12:00 am

Date Received
12/27/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	7550		ug/kg dry	310	618	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/07/2019 11:57	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	53.7 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	54.2 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	47.8 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	48.7 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	74.6 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	69.0 %			24-116						

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.57		mg/kg dry	2.22	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:26	KML
7440-39-3	Barium	16.4		mg/kg dry	3.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:26	KML
7440-43-9	Cadmium	0.604		mg/kg dry	0.444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:26	KML
7440-47-3	Chromium	7.80		mg/kg dry	0.740	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:26	KML
7439-92-1	Lead	22.1		mg/kg dry	0.740	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:26	KML
7782-49-2	Selenium	4.41		mg/kg dry	3.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:26	KML
7440-22-4	Silver	ND		mg/kg dry	0.740	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:26	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0444	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/28/2018 09:59	12/28/2018 10:49	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

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



Sample Information

Client Sample ID: DW-3

York Sample ID: 18L1120-01

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	67.5		%	0.100	1	SM 2540G Certifications: CTDOH	01/03/2019 12:36	01/03/2019 17:27	MAC

Sample Information

Client Sample ID: DW-4

York Sample ID: 18L1120-02

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 8:45 am

Date Received

12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:17	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/02/2019 13:40	01/03/2019 18:17	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:17	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ



Sample Information

Client Sample ID: DW-4

York Sample ID: 18L1120-02

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 8:45 am

Date Received

12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	61	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/02/2019 13:40	01/03/2019 18:17	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
67-64-1	Acetone	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
107-02-8	Acrolein	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
71-43-2	Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/02/2019 13:40	01/03/2019 18:17	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
75-25-2	Bromoform	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ



Sample Information

Client Sample ID: DW-4

York Sample ID: 18L1120-02

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 8:45 am

Date Received

12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/02/2019 13:40	01/03/2019 18:17	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/02/2019 13:40	01/03/2019 18:17	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/02/2019 13:40	01/03/2019 18:17	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/02/2019 13:40	01/03/2019 18:17	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/02/2019 13:40	01/03/2019 18:17	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/02/2019 13:40	01/03/2019 18:17	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/02/2019 13:40	01/03/2019 18:17	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/02/2019 13:40	01/03/2019 18:17	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/02/2019 13:40	01/03/2019 18:17	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ



Sample Information

Client Sample ID: DW-4

York Sample ID: 18L1120-02

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

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Collection Date/Time

December 26, 2018 8:45 am

Date Received

12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
100-42-5	Styrene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:17	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
108-88-3	Toluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH	01/02/2019 13:40	01/03/2019 18:17	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:17	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	91.3 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.0 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	91.0 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	121	241	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH



Sample Information

Client Sample ID: DW-4

York Sample ID: 18L1120-02

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	121	241	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	121	241	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	121	241	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	121	241	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH



Sample Information

Client Sample ID: DW-4

York Sample ID: 18L1120-02

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 8:45 am

Date Received

12/27/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	121	241	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	121	241	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	121	241	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
83-32-9	Acenaphthene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
98-86-2	Acetophenone	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
62-53-3	Aniline	ND		ug/kg dry	242	483	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
120-12-7	Anthracene	100	J	ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
1912-24-9	Atrazine	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
92-87-5	Benzidine	ND		ug/kg dry	242	483	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
56-55-3	Benzo(a)anthracene	925		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
50-32-8	Benzo(a)pyrene	969		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
205-99-2	Benzo(b)fluoranthene	1110		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
191-24-2	Benzo(g,h,i)perylene	660		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
207-08-9	Benzo(k)fluoranthene	893		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
65-85-0	Benzoic acid	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH



Sample Information

Client Sample ID: DW-4

York Sample ID: 18L1120-02

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 8:45 am

Date Received

12/27/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
117-81-7	Bis(2-ethylhexyl)phthalate	148	CCV-E	ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
105-60-2	Caprolactam	ND		ug/kg dry	121	241	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
86-74-8	Carbazole	83.9	J	ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
218-01-9	Chrysene	1250		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
53-70-3	Dibenzo(a,h)anthracene	183		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
206-44-0	Fluoranthene	2000		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
86-73-7	Fluorene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	778		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
78-59-1	Isophorone	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH



Sample Information

Client Sample ID: DW-4

York Sample ID: 18L1120-02

York Project (SDG) No.
18L1120

Client Project ID
26747.00 Tam OShanter

Matrix
Soil

Collection Date/Time
December 26, 2018 8:45 am

Date Received
12/27/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
85-01-8	Phenanthrene	724		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
108-95-2	Phenol	ND		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
129-00-0	Pyrene	2170		ug/kg dry	60.4	121	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:07	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	63.4 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	66.5 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	85.5 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	48.0 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	92.5 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	90.1 %	24-116								

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.61		mg/kg dry	2.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:28	KML
7440-39-3	Barium	22.1		mg/kg dry	3.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:28	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.435	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:28	KML
7440-47-3	Chromium	12.1		mg/kg dry	0.725	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:28	KML
7439-92-1	Lead	22.0		mg/kg dry	0.725	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:28	KML
7782-49-2	Selenium	ND		mg/kg dry	3.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:28	KML



Sample Information

Client Sample ID: DW-4

York Sample ID: 18L1120-02

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 8:45 am

Date Received

12/27/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.725	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:28	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0679		mg/kg dry	0.0435	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/28/2018 09:59	12/28/2018 10:57	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	68.9		%	0.100	1	SM 2540G Certifications: CTDOH	01/03/2019 12:36	01/03/2019 17:27	MAC

Sample Information

Client Sample ID: CB-1

York Sample ID: 18L1120-03

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ



Sample Information

Client Sample ID: CB-1

York Sample ID: 18L1120-03

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:44	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/02/2019 13:40	01/03/2019 18:44	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:44	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:44	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ



Sample Information

Client Sample ID: CB-1

York Sample ID: 18L1120-03

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:44	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:44	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:44	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:44	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:44	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:44	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:44	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ



Sample Information

Client Sample ID: CB-1

York Sample ID: 18L1120-03

York Project (SDG) No.
18L1120

Client Project ID
26747.00 Tam OShanter

Matrix
Soil

Collection Date/Time
December 26, 2018 12:00 am

Date Received
12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:44	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/02/2019 13:40	01/03/2019 18:44	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/02/2019 13:40	01/03/2019 18:44	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/02/2019 13:40	01/03/2019 18:44	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH	01/02/2019 13:40	01/03/2019 18:44	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/02/2019 13:40	01/03/2019 18:44	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.8 %	77-125								



Sample Information

Client Sample ID: CB-1

York Sample ID: 18L1120-03

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	95.5 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH



Sample Information

Client Sample ID: CB-1

York Sample ID: 18L1120-03

York Project (SDG) No.
18L1120

Client Project ID
26747.00 Tam OShanter

Matrix
Soil

Collection Date/Time
December 26, 2018 12:00 am

Date Received
12/27/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
83-32-9	Acenaphthene	152		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
208-96-8	Acenaphthylene	927		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
62-53-3	Aniline	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
120-12-7	Anthracene	1120		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
92-87-5	Benzidine	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH



Sample Information

Client Sample ID: CB-1

York Sample ID: 18L1120-03

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	3510		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/07/2019 12:28	OW
50-32-8	Benzo(a)pyrene	2740		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
205-99-2	Benzo(b)fluoranthene	3420		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/07/2019 12:28	OW
191-24-2	Benzo(g,h,i)perylene	1770		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
207-08-9	Benzo(k)fluoranthene	2440		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
65-85-0	Benzoic acid	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
86-74-8	Carbazole	186		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
218-01-9	Chrysene	4380		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/07/2019 12:28	OW
53-70-3	Dibenzo(a,h)anthracene	852		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
206-44-0	Fluoranthene	9440		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/07/2019 12:28	OW



Sample Information

Client Sample ID: CB-1

York Sample ID: 18L1120-03

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

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December 26, 2018 12:00 am

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12/27/2018

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	61.6	J	ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
193-39-5	Indeno(1,2,3-cd)pyrene	2280		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
78-59-1	Isophorone	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
85-01-8	Phenanthrene	551		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
108-95-2	Phenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/05/2019 01:37	KH
129-00-0	Pyrene	7520		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/04/2019 07:54	01/07/2019 12:28	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	79.7 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	68.8 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	68.2 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.4 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	101 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	84.8 %	24-116								



Sample Information

Client Sample ID: CB-1

York Sample ID: 18L1120-03

York Project (SDG) No.

18L1120

Client Project ID

26747.00 Tam OShanter

Matrix

Soil

Collection Date/Time

December 26, 2018 12:00 am

Date Received

12/27/2018

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	12.7		mg/kg dry	1.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:35	KML
7440-39-3	Barium	26.1		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:35	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.330	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:35	KML
7440-47-3	Chromium	8.28		mg/kg dry	0.550	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:35	KML
7439-92-1	Lead	8370		mg/kg dry	0.550	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:35	KML
7782-49-2	Selenium	ND		mg/kg dry	2.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:35	KML
7440-22-4	Silver	ND		mg/kg dry	0.550	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/28/2018 10:45	12/31/2018 11:35	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0693		mg/kg dry	0.0330	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/28/2018 09:59	12/28/2018 11:06	SY

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.9		%	0.100	1	SM 2540G Certifications: CTDOH	01/03/2019 12:36	01/03/2019 17:27	MAC



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18L1120-01	DW-3	40mL Vial with Stir Bar-Cool 4° C
18L1120-02	DW-4	40mL Vial with Stir Bar-Cool 4° C
18L1120-03	CB-1	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.



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

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



Field Chain-of-Custody Record

YORK Project No.

0211781

Page _____ of _____

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.

[illegible]



Attachment D

Boring Logs

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location	74 Fruitledge Road	Boring	SB-1
			Weather	30° - 40°F / Dry	Sheet	1 of 1
			Drill Company	AARCO Environmental Services Corp.	Job	26747.00
					Date	12/6/2018
			Drillers	Sergio Magana	VHB	Christopher Rooney
Julio Galazar	Depth	17' below grade surface (bgs)				
Recovery	Sample	Depth (Feet)	PID Reading	Description		
60%		1		black asphalt DEBRIS		
		2	0.0	brown poorly sorted SAND with pebbles, some silt and trace black organic matter		
		3				
		4	0.0	brown and grey poorly sorted SAND with pebbles, silt and trace organic matter		
5		0.0	tan medium-to-course grain SAND with pebbles			
6						
80%		7	0.0	tan medium-to-course grain SAND with some gravel (rounded rocks)		
		8				
		9				
		10				
90%		11				
		12				
		13				
		14				
		15				
100%		16				
		17				
Notes: No samples were retained from this location based on field screening and collection elsewhere. The soil boring was conducted adjacent to the north of the former 550-gallon gasoline UST and also proximate the location of the existing 1,000						

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location	74 Fruitledge Road	Boring	SB-2
			Weather	30° - 40°F / Dry	Sheet	1 of 1
			Drill Company	AARCO Environmental Services Corp.	Job	26747.00
					Date	12/6/2018
			Drillers	Sergio Magana	VHB	Christopher Rooney
Julio Galazar	Depth	17' bgs				
Recovery	Sample	Depth (Feet)	PID Reading	Description		
60%	SB-2 (9'bg)	1		black asphalt DEBRIS		
		2	0.2	brown poorly sorted SAND with pebbles and trace silt		
		3				
		4				
		5				
80%		6	0.1	tan medium-to-course grain SAND with pebbles		
		7				
		8	0.2	beige medium-to-course grain SAND with pebbles		
		90%	9	0.1	tan medium-to-course grain SAND with pebbles	
10						
11						
12						
13						
14						
15						
100%		16				
		17				
Notes: The soil sample SB-2 (9'bg) was collected at approximately nine-feet below grade surface. The soil boring was conducted at the adjacent to the west of the existing 1,000-gallon gasoline UST as well as the existing dispenser island. Equipment refusal encountered at 17' bgs. Groundwater was not encountered.						

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location	74 Fruitledge Road	Boring	SB-4
			Weather	30° - 40°F / Dry	Sheet	1 of 1
			Drill Company	AARCO Environmental Services Corp.	Job	26747.00
					Date	12/6/2018
			Drillers	Sergio Magana	VHB	Christopher Rooney
Julio Galazar	Depth	14' bgs				
Recovery	Sample	Depth (Feet)	PID Reading	Description		
60%	SB-4 (2'bg)	1		black asphalt DEBRIS		
		2	0.3	brown and grey poorly sorted SAND with silt, brick debris, rocks and pebbles		
		3				
		4				
		5	0.1	brown poorly sorted SAND with silt and pebbles		
80%		6	0.1	beige medium-to-course grain SAND with pebbles		
		7				
		8				
		9				
		10	0.4	tan poorly sorted SAND with pebbles		
90%		11	0.0	tan medium-to-course grain SAND with pebbles		
		12				
		13				
		14				
Notes: The soil sample SB-4 (2'bg) was collected from approximately two-feet below grade. The soil boring was conducted adjacent to the east of the existing existing dispenser island as well as the 1,000-gallon gasoline UST. Equipment refusal encountered at 14'6" bgs. Groundwater was not encountered.						

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location		74 Fruitledge Road		Boring		SB-5		
			Weather		30° - 40°F / Dry		Sheet		1 of 1		
			Drill Company		AARCO Environmental Services Corp.		Job		26747.00		
							Date		12/6/2018		
			Drillers		Sergio Magana		VHB		Christopher Rooney		
Julio Galazar		Depth			10' bgs						
Recovery		Sample		Depth (Feet)		PID Reading		Description			
60%		SB-5 (5'bg)		1				black asphalt DEBRIS			
				2		0.1		brown and grey poorly sorted SAND with silt and pebbles			
				3							
				4							
				5		0.1		beige medium-to-course grain SAND with pebbles			
6											
90%		SB-5 (8'bg)		7				tan poorly sorted SAND with silt and pebbles			
				8		0.1					
				9							
				10							
Notes: The soil samples SB-5 (5'bg) and SB-5 (8'bg) were collected at approximately five-feet and eight-feet below grade surface, respectively. The soil boring was conducted through the former location of the 550-gallon gasoline UST indicated on drawings obtained during the Phase I ESA. Groundwater was not encountered.											

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location		74 Fruitledge Road	Boring	SB-7	
			Weather		30° - 40°F / Dry	Sheet	1 of 1	
			Drill Company		AARCO Environmental Services Corp.		Job	26747.00
							Date	12/6/2018
			Drillers		Sergio Magana		VHB	Christopher Rooney
Julio Galazar		Depth			1' bgs			

Recovery	Sample	Depth (Feet)		PID Reading	Description
100%		1			brown poorly sorted SAND with silt and organic matter
		2			
		3			

Notes: No samples were collected at this location. The soil boring was conducted at the location of a geophysical anomaly, later determined to be buried corrugated metal debris. Equipment refusal encountered at approximately three-feet below grade surface.

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location	74 Fruitledge Road	Boring	SB-8
			Weather	30° - 40°F / Dry	Sheet	1 of 1
			Drill Company	AARCO Environmental Services Corp.	Job	26747.00
					Date	12/6/2018
			Drillers	Sergio Magana	VHB	Christopher Rooney
Julio Galazar	Depth	20' bgs				

Recovery	Sample	Depth (Feet)	PID Reading	Description		
40%		1	0.1	black ORGANIC MATTER		
				grey GRAVEL		
		2	0.3	brown and orange poorly sorted SAND with silt, gravel and organic matter		
					3	
60%			0.1	brown medium-to-course grain SAND with pebbles		
					4	
					5	
					6	
						7
						8
					9	
					10	
					90%	11
						12
13						
14						
15						

Notes: No samples were collected at this location based on field screening and collection elsewhere. The soil boring was conducted at the adjacent to east of the discovered 550-gallon fuel oil UST. Groundwater was not encountered.

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location	74 Fruitledge Road	Boring	SB-10
			Weather	30° - 40°F / Dry	Sheet	1 of 1
			Drill Company	AARCO Environmental Services Corp.	Job	26747.00
					Date	12/6/2018
			Drillers	Sergio Magana	VHB	Christopher Rooney
Julio Galazar	Depth	10' bgs				
Recovery	Sample	Depth (Feet)	PID Reading	Description		
60%	HL-1 (3'-4'bg)	1		grey concrete DEBRIS		
		2	0.1	brown and black fine grain SAND with trace silt		
		3				
		4				
5		0.7	beige poorly sorted SAND with pebbles			
6						
7						
8						
9						
10						
75%						

Notes: The soil sample HL-1 (3'-4'bg) was collected from approximately three to four feet below grade surface. The soil boring was conducted adjacent to the northern most pistol lift. Groundwater was not encountered.

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location		74 Fruitledge Road	Boring	SB-11	
			Weather		30° - 50°F / Dry	Sheet	1 of 1	
			Drill Company		AARCO Environmental Services Corp.		Job	26747.00
							Date	12/7/2018
			Drillers		Sergio Magana	VHB	Christopher Rooney	
Julio Galazar	Depth	15' bgs						
Recovery	Sample	Depth (Feet)		PID Reading	Description			
50%	SB-11 (3'-4'bg)	1		0.0	green and black ORGANIC MATTER with trace sand			
		2		0.0	beige coarse grain SAND			
		3						
		4						
		5						
50%	SB-11 (9'bg)	6		0.0	beige and brown pea GRAVEL			
		7						
		8						
		9						
		60%		10		0.0	brown fine-to-medium grain SAND with silt	
11								
12								
13								
14				0.0	brown medium-to-coarse grain SAND and rocks			
		15						
Notes: The soil samples SB-11 (3'-4'bg) and SB-11 (9'bg) were collected at approximately three to four and nine-feet below grade surface, respectively. The soil boring was conducted through the former location of a 1,000-gallon fuel oil UST. Groundwater was not encountered.								

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location		74 Fruitledge Road	Boring	SB-12	
			Weather		30° - 50°F / Dry	Sheet	1 of 1	
			Drill Company		AARCO Environmental Services Corp.		Job	26747.00
							Date	12/7/2018
			Drillers		Sergio Magana	VHB	Christopher Rooney	
Julio Galazar	Depth	15' bgs						
Recovery	Sample	Depth (Feet)		PID Reading	Description			
60%		1		0.0	black ORGANIC MATTER with sand			
		2						
		3		0.0	brown fine-to-medium grain SAND with trace gravel and brick debris			
		4						
		5						
50%		6		0.0	tan coarse grain SAND with pebbles			
		7		0.1	brown fine-to-medium grain SAND with silt			
		8						
		9						
		10						
50%		11						
		12						
		13						
		14						
		15						
Notes: No samples were collected at this location based on field screening and collection elsewhere. The soil boring was conducted proximate demarked remnant piping between the former location of a 1,000-gallon fuel oil UST and adjacent building. Groundwater was not encountered.								

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location		74 Fruitledge Road	Boring	SB-13
			Weather		30° - 50°F / Dry	Sheet	1 of 1
			Drill Company		AARCO Environmental Services Corp.	Job	26747.00
						Date	12/7/2018
			Drillers		Sergio Magana	VHB	Christopher Rooney
Julio Galazar	Depth	7' bgs					

Recovery	Sample	Depth (Feet)		PID Reading	Description
60%	SB-13 (5'bg)	1		0.0	black asphalt DEBRIS
				0.0	brown poorly sorted SAND with silt
		2			
		3			
		4	0.0	beige coarse grain SAND with pebbles	
5					
6					
10%		7		0.1	brown and grey poorly sorted SAND with silt

Notes: No samples were collected at this location based on field screening and collection elsewhere. The soil boring was conducted at the adjacent to the far north side of the existing 1,000-gallon gasoline UST as well as the existing dispenser island. Groundwater was not encountered.

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location		74 Fruitledge Road		Boring		SB-14	
			Weather		30° - 50°F / Dry		Sheet		1 of 1	
			Drill Company		AARCO Environmental Services Corp.		Job		26747.00	
							Date		12/7/2018	
			Drillers		Sergio Magana		VHB		Christopher Rooney	
Julio Galazar		Depth			8' bgs					

Recovery	Sample	Depth (Feet)		PID Reading	Description
	CP-2	1			green and black ORGANIC MATTER
					grey CONCRETE debris
		2			
		3			
		4			
		5			
		6			
		7			
50%			8	0.5	grey SLUDGE

Notes: The soil sample CP-2 was collected from approximately seven to eight feet below grade surface. The soil boring was conducted into the sanitary system demarked to the east of the halfway house.

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location		74 Fruitledge Road		Boring		SB-15	
			Weather		30° - 40°F / Dry		Sheet		1 of 1	
			Drill Company		AARCO Environmental Services Corp.		Job		26747.00	
							Date		12/7/2018	
			Drillers		Sergio Magana		VHB		Christopher Rooney	
Julio Galazar		Depth			10' bgs					

Recovery	Sample	Depth (Feet)		PID Reading	Description		
50%		1			green and black ORGANIC MATTER with sand		
					brown poorly sorted SAND with silt and pebbles		
		2					
			3			grey CONCRETE debris	
4					brown poorly sorted SAND with silt and pebbles		
		5					
6							
		7					
8							
		9					
10							
80%							

Notes: No samples were collected at this location. The soil boring was conducted at the location of a geophysical anomaly apparently buried concrete debris based on the findings. Groundwater was not encountered.

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location	74 Fruitledge Road	Boring	SB-16
			Weather	30° - 50°F / Dry	Sheet	1 of 1
			Drill Company	AARCO Environmental Services Corp.	Job	26747.00
					Date	12/7/2018
			Drillers	Sergio Magana	VHB	Christopher Rooney
Julio Galazar	Depth	15' bgs				
Recovery	Sample	Depth (Feet)	PID Reading	Description		
40%		1	0.0	black ASPHALT debris		
		2	0.0	tan SAND with silt		
		3				
		4				
		5				
6						
7						
8						
9						
10						
60%		11				
		12				
		13				
		14				
		15				
Notes: No samples were collected at this location based on field screening. The soil boring was conducted proximate the location of geophysical anomalies, and the absence of any UST was confirmed. Groundwater was not encountered.						

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location		74 Fruitledge Road	Boring	SB-17
			Weather		30° - 40°F / Dry	Sheet	1 of 1
			Drill Company		AARCO Environmental Services Corp.	Job	26747.00
						Date	12/7/2018
			Drillers		Sergio Magana	VHB	Christopher Rooney
Julio Galazar	Depth	5' bgs					
Recovery	Sample	Depth (Feet)		PID Reading	Description		
60%	HL-2 (2'-3'bg)	1			grey concrete DEBRIS		
		2		0.1	brown and black fine grain SAND with trace silt		
		3					
		4					
		5		0.0	beige poorly sorted SAND with pebbles		
Notes: The soil sample HL-2 (2'-3'bg) was collected from approximately two to three feet below grade surface. The soil boring was conducted adjacent to the southern most pistol lift. Groundwater was not encountered.							

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location		74 Fruitledge Road	Boring	SB-18	
			Weather		30° - 50°F / Dry	Sheet	1 of 1	
			Drill Company		AARCO Environmental Services Corp.		Job	26747.00
							Date	12/7/2018
			Drillers		Sergio Magana	VHB	Christopher Rooney	
Julio Galazar	Depth	15' bgs						
Recovery	Sample	Depth (Feet)		PID Reading	Description			
40%	SB-18 (4'-5'bg)	1			green and black ORGANIC MATTER with silt			
		2		0.0	dark brown SILT with trace sand and organic matter			
		3		0.0	tan coarse grain SAND with gravel			
		4						
		5						
80%	SB-18 (7'bg)	6		0.0	tan coarse grain SAND with gravel			
		7						
		8						
		9						
		10						
80%		11		0.0	brown poorly sorted SAND with silt			
		12						
		13						
		14						
		15						
Notes: The soil samples SB-18 (4'-5'bg) and SB-18 (7'bg) were collected from approximately four to five and seven feet below grade, respectively. The soil boring was conducted through a demarked potential 1,000-gallon heating oil UST grave. Groundwater was not encountered.								

VHB 100 Motor Parkway, Suite 135 Hauppauge, New York 11788 Tel: 631 - 787-3400			Site Location	74 Fruitledge Road	Boring	SB-19
			Weather	30° - 50°F / Dry	Sheet	1 of 1
			Drill Company	AARCO Environmental Services Corp.	Job	26747.00
					Date	12/7/2018
			Drillers	Sergio Magana	VHB	Christopher Rooney
Julio Galazar	Depth	10' bgs				

Recovery	Sample	Depth (Feet)	PID Reading	Description
50%		1		green and black ORGANIC MATTER with silt
		2		tan coarse grain SAND with pebbles
		3		
		4		
90%		5		brown poorly sorted SAND with silt
		6		
		7		
		8		brown and grey CLAY with silt
		9		
		10		

Notes: No samples were collected at this location based on field screening. The soil boring was conducted dowgradient of the demarked potential 1,000-gallon heating oil UST grave. Groundwater was not encountered.



Attachment E

Site Photographs



Photograph No. 1: The location of a recently identified 550-gallon heating oil.



Photograph No. 2: The locations of the existing propane and 10,000-gallon fuel oil UST.



Photograph No. 3: Typical suspect piping investigated during the geophysical survey.



Photograph No. 4: The buried metal debris discovered in the location of one anomaly.



Photograph No. 5: The installation of soil borings proximate the 550-gallon fuel oil UST.



Photograph No. 6: The installation of soil borings proximate the hydraulic piston lifts.



Photograph No. 7: Installation of a soil boring through the cover of a sanitary structure.



Photograph No. 8: Insulation of a soil boring proximate the gasoline dispenser and UST.



Photograph No. 9: Insulation of a soil boring in the rear yard of the stand alone dwelling.



Photograph No. 10: Typical soil boring core and soil sample collection from the same.



Photograph No. 11: The collection of a sediment sample from an interior floor drain.



Photograph No. 12: Typical interior small diameter floor drain in the golf cart garage.



Photograph No. 13: Typical interior small diameter drain located in the golf bag room.



Photograph No. 14: The location of an at-grade drywell and its interconnected overflow.



Photograph No. 15: Typical makeshift drywell located on the cart paths and golf course.



Photograph No. 16: The interior of the catch basin along the driveway and a pipe within.

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Attachment F

Preparer Information

Christopher Rooney

Environmental Scientist



Christopher Rooney is an Environmental Scientist in VHB's Oil and Hazardous Materials Group. He conducts Phase I and Phase II Environmental Site Assessments. In addition, Christopher performs various environmental services including remediation oversight as well as groundwater, air and soil sampling.

5 years of professional experience

Education

B.S., Environmental Chemistry,
Stony Brook University

Certifications

Hazardous Waste Operations
and Emergency Response
Standard, OSHA

Mold Assessor, NYSDOL

Construction Safety and
Health, OSHA

Asbestos Inspector,
EPA/NYSDEL

Storage Tank Installation and
Maintenance, NORA

Roadway Worker Protection,
FRA/LIRR

Various Phase I & Phase II Environmental Site Assessments

Christopher prepares Phase I Environmental Site Assessments for municipal and institutional clients, private developers and Verizon Wireless service expansion. He also supports Phase II ESAs by performing soil sampling, groundwater investigations/monitoring, overseeing geophysical surveys and soil vapor monitoring as well as providing remedial investigation support.

Verizon Wireless Soil Management Plan Implementation

Christopher assisted with Soil Management Plan implementation for Verizon Wireless service expansion at North Patchogue Fire Department, Queens of All Saints Cemetery and Cutchogue Verizon Landline locations.

Self Storage Underground Injection Control Investigation and Closure

Christopher assisted with investigation and remediation of storm drain and sanitary structures at properties identified for potential redevelopment by Simply Self Storage

Environmental Scientist II, H2M architects + engineers

Christopher project managed numerous fuel oil and gasoline spill claims. His responsibilities included evaluation inspections of residential petroleum spill sites for insurance clients to delineate subsurface soil and groundwater impacts, coverage and subrogation potential, review and revision of contractor work proposals and provide consultation during remediation to ensure both cost effectiveness and compliance with regulatory protocols. Christopher worked closely with adjusters, contractors, state and local regulatory agencies and homeowners throughout the entire remedial process to attain spill closure. This work was complete prior to joining VHB.

Staff Scientist I, H2M architects + engineers

Christopher conducted site inspections on behalf of energy distribution clients, water districts, builders and multiple national insurance companies with a focus on determining cause and origin and environmental impact with respect to potential petroleum releases and mold growth. He also conducted environmental reviews required by the Department of Housing and Urban Development. This work was completed prior to joining VHB.

Occupational and Environmental Safety Intern, Long Island Rail Road

Christopher's internship was focused on environmental plans, regulatory compliance and hazard abatement. He helped determine compliance with Chemical Facility Anti-Terrorism Standards and was involved in field work inspecting tanks, engineering controls, hazardous and universal waste. In support of a MS4 permit, he created a geodatabase to map stormwater structures and reviewed contractor reports.

Bryan Murty

Senior Project Manager



Bryan Murty manages and conducts Phase I and Phase II Environmental Site Assessments. In addition, Bryan performs various environmental services including soil vapor sampling/ambient air quality analysis, design, oversight and technical support of small and large-scale remediation projects, as well as noise studies. Bryan also participates in various environmental planning activities, including preparation of Draft and Final Environmental Impact Statements.

Education

BA, Environmental Sciences,
State University of New York
at Binghamton, 2005

Registrations/ Certifications

New York City Office of
Environmental Remediation
Gold Certified Professional
(Brownfield Industry), 2015

OSHA Certified Hazardous
Waste Health and Safety
Operator (OSHA 1910.120),
2006

OSHA Construction Safety
and Health Certificate (10-
Hour), 2012

11 years of professional experience

United States Armed Forces Reserve Center/Nike Missile Base, Amityville, NY

Bryan performed Phase I and Phase II Environmental Site Assessments for the closure and redevelopment of the former United States Armed Forces Reserve Center and Nike Missile Base located in Amityville, New York. He evaluated all environmental conditions at the property including sub-slab soil vapor and ambient air quality analyses, multi-depth soil sampling, underground injection control (UIC), as well as groundwater and wastewater sampling within abandoned missile silos. (\$50K)

Polytechnic Institute of New York University, Brooklyn, NY

Bryan assisted in the design and implementation of a large-scale groundwater remediation system associated with a former leaking underground storage tank located at the Polytechnic Institute in Brooklyn. The groundwater remediation system is designed to collect and capture contaminated groundwater and recover product floating on the groundwater table. In order to achieve this, Bryan coordinated with various additional team consultants in order to gather information needed to produce a New York State Department of Environmental Conservation-approved remedial action work plan. (\$50K)

Nassau Board of Cooperative Educational Services (BOCES) Career Preparatory High School, Westbury, NY

Bryan provided consulting services including a review of adjacent industrial and former Superfund sites within the surrounding properties. Bryan also conducts sub-slab soil vapor and indoor air monitoring in accordance with New York State Department of Health (NYSDOH) protocols in order to ensure surrounding industrial properties are not adversely affecting the school. (\$25K)

Taystee Bakery, West Harlem, NY

Bryan performed Phase I and Phase II ESAs for the redevelopment of a block of vacant buildings located in West Harlem that were formerly utilized as a commercial bakery. Bryan also corresponded with the NYSDEC for closure of an on-site spill, and created a New York City Office of Environmental Remediation (NYCOER)-approved Work Plan for the remediation of the property that is scheduled to be implemented in the coming year. (\$12K)

The Riverwalk Redevelopment, Patchogue, NY

Bryan assisted in the preparation of Phase I and Phase II Environmental Site Assessments, as well as the facility closure (including soil, groundwater, UIC analysis and

underground storage tank removal) of the former Clare Rose beverage distribution center in Patchogue, New York for redevelopment into market rate condominiums.

Costco Redevelopment, Hicksville, NY

Bryan prepared Phase I and Phase II Environmental Site Assessments and assisted in preparation of the revised FEIS for the redevelopment of the property at West John Street and Charlotte Avenue.

New York City Phase I ESA Experience, New York, NY

Bryan has prepared numerous Phase I Environmental Site Assessments throughout the five boroughs for such projects as the Tastyee Bakery Site near Columbia University; Jewish Home Lifecare on the Upper West Side; 7 World Trade Center in Manhattan; Bossert Hotel in Brooklyn; Attorney Street in Manhattan; Park Lane Hotel, the former Helmsley Hotel, in Manhattan; and many others. As a result of the research for these projects and the coordination with environmental agencies, Bryan understands New York City environmental issues, the regulations governing these issues, and the remediation protocols.

T.C. Dunham Paint Company, Yonkers, NY

Bryan provided consulting services including emergency response, and production and oversight of an approved remedial action work plan associated with a 4-alarm paint warehouse fire that impacted a large area in Yonkers. He teamed with various consultants and coordinated with various regulatory agencies, including the City of Yonkers, New York State Department of Environmental Conservation and the United States Environmental Protection Agency to generate various approved documents including a remedial action work plan, health and safety plan (HASP) and community air monitoring program (CAMP) plan.

Former Bay Shore Armory, Bay Shore, NY

Bryan performed a Phase II Environmental Site Assessment for the re-use and redevelopment of the former New York State Armory property. He coordinated with sub-contractors and provided field oversight for a geophysical survey, the sampling from several large leaching fields, abandoned underground structures including vehicle lifts, tanks and an oil/water separator.

Queen of Peace Cemetery and Residential Subdivision, Old Westbury, NY

Bryan prepared the FEIS for the development of a cemetery for the Diocese of Rockville Centre.

Nassau Coliseum Redevelopment, Lighthouse at Long Island, Uniondale, NY

Bryan assisted in preparation of the DGEIS for the redevelopment of the existing Nassau County Veterans Memorial Coliseum to a multi-use entertainment and residential complex in the Town of Hempstead.

EIS for Heartland Town Square Redevelopment, Brentwood, NY

Bryan assisted in preparation of the EIS for the rezoning and redevelopment of the 475± acre former Pilgrim Psychiatric Center as a Smart Growth Community.

Sheltair Aviation, Republic Airport, Farmingdale, NY

Bryan assisted in preparation of the Hazardous Materials section of DEIS for proposed redevelopment and improvement of a former residential subdivision as a private jet terminal.

Pulte Homes, Courthouse Commons, Central Islip, NY

Bryan prepared Phase I and Phase II Environmental Site Assessment and assisted in the monitoring of a large-scale remediation of a landfill at the former Central Islip Psychiatric Facility under the direction of the Suffolk County Department of Health Services and the New York State Department of Environmental Conservation for the ultimate redevelopment of the property as a residential condominium complex. (\$125K)

Lowe's Home Centers, Various Nassau County and Suffolk County Sites, NY

Bryan prepared Phase I and Phase II Environmental Site Assessments for several Lowe's stores throughout Long Island.

Verizon Wireless Phase I & Phase II Environmental Site Assessments, Various Locations, NY

Bryan has performed over 60 Phase I and/or Phase II Environmental Site Assessments (ESA) in the five boroughs and over 200 in various locations in New York for Verizon Wireless' service expansion. He supports Phase II ESAs by performing soil sampling, groundwater investigations/monitoring and soil vapor monitoring, and also provides remedial investigation support.

PANYNJ Passenger Facility Charge, Newark, NJ, New York, NY, New Windsor, NY

Bryan assisted in developing and administering the 2010 PFC application for the Port Authority of New York and New Jersey for Newark Liberty International Airport, John F. Kennedy International Airport, LaGuardia Airport and Stewart International Airport. This application includes \$570 million in capital development projects that incorporate terminal expansion, runway and taxiway pavement rehabilitation and security enhancements. Working with Port Authority staff, assisted in developing each project description justification through detailed meetings with a variety of Port Authority staff (technical services, accounting, planning) throughout the agency. The application received considerable support by the airlines and worked diligently with Port Authority staff and the FAA to the eventual approval of the application.

Country Point at Plainview, Plainview, NY

Bryan conducted a Phase I Environmental Site Assessment on the former Nassau County Sanatorium and associated recreational playing fields in Plainview, New York. He used this information to provide integrated services and incorporated some into a Draft Environmental Impact Statement to analyze existing conditions, potential impacts and mitigation measures associated with the redevelopment of the former Nassau County Sanatorium to a multi-family residential subdivision.