March 17, 2021

Mr. Walter Morton
Town of Hamden
Director of Legislative Affairs
Hamden Government Center
2750 Dixwell Avenue
Hamden, CT 06518

RE: Phase II Site Investigation
Former High Meadows School
825 Hartford Turnpike
Hamden, Connecticut
BL Project No. 2000201

Dear Mr. Morton:

Pursuant to the scope of work outlined in our Agreement dated December 18, 2020, BL Companies has completed a Phase II Site Investigation (SI) at the above-referenced facility ("Site") for the Town of Hamden ("Client").

1.0 Site Description

The Site is located at 825 Hartford Turnpike, Hamden, Connecticut and is situated in an area of commercial and residential land usage. The Site consists of a 50.29-acre parcel of land improved with nine buildings, a pool house, in-ground pool and a pavilion, and was formerly occupied by High Meadows School. The buildings consist of the following and are currently vacant:

- Buildings 1 and 5 are connected and located in the northern portion of the Site. Building 1 consists of dormitory rooms, a nurse area, laundry rooms, common rooms, small kitchenettes, restrooms, and staff bedrooms. Building 5 consists of a full kitchen and dining room, walk-in refrigerators, a boiler room, storage areas, and offices.

- Building 2 was demolished on an unknown date and was formerly located between Buildings 6 and 8 in the southeastern portion of the Site. According to a Facility Layout Plan, this building was labeled as "Activities." An additional Site plan references this building as the "Girls Unit" or "Girls Dorm." No other information was found.

- Buildings 3 and 4 are connected and located in the southwestern portion of the Site, along Hartford Turnpike. Building 3 consists of classrooms, offices, restrooms, a mail room, janitorial closets, storage areas, and medical offices. Building 4 consists of a rubber-surfaced gymnasium, stage area, classrooms, and restrooms.

- Building 6 is located to the east of Buildings 3 and 4 and consists of a concrete slab-on-grade foundation with metal siding and a flat roof. This building contains bathrooms, storage areas, a janitorial room, and the activity center for the electrical department of the trade school.

- Building 7 is located to the south of Buildings 3 and 4 and was a group home for faculty and staff with an attached garage and a free-standing shed.

- Building 8 is located to the southeast of the pool, in the eastern portion of the Site, and was utilized as a garage for small equipment maintenance.

- Building 9 is located to the north of Buildings 1 and 5 and consists of standard concrete and masonry construction with a concrete slab-on-grade foundation, brick siding, and a flat roof. Building 9 consists of a garage area, restroom, and an office space.

- The pavilion consists of a concrete slab-on-grade foundation with large wooden beams supporting a pitched roof. The pavilion is located to the east of Building 5.

- The pool house consists of a slab-on-grade foundation with painted concrete masonry unit walls and contains bathrooms and a storage area.

The remainder of the Site is improved with paved driveways or is wooded. Two streams were observed in the eastern portion of the Site. Vehicular access to the Site is available from Hartford Turnpike, which is located along the western Site boundary.

A Site Location Map and Site Plan (**SP-01**) are included in **Attachment 1** of this report.

2.0 Previous Investigations

Phase I Environmental Site Assessment, Former High Meadows School, 825 Hartford Turnpike, Hamden, Connecticut, prepared by BL Companies, prepared for Town of Hamden, dated July 17, 2020.

At the time of this assessment, the Site was observed to be vacant and was reported to be formerly occupied by High Meadows School, a reform school for troubled youth.

The following historical recognized environmental conditions (HRECs) were identified in connection with the Site:

- Former 1,000-gallon gasoline underground storage tank (UST) (Tank L1) and associated fuel pump removed in February 2018 to the west of the maintenance shop (Building 8).

- Former 2,000-gallon fuel oil UST (Tank K1) removed in February 2018 situated under a driveway southeast of a demolished building (Building 2).

The following recognized environmental conditions (RECs) were identified in connection with the Site:

- A total of five USTs were removed between 1992 and 1993, including a 5,000-gallon fuel oil UST (Tank A1), a 500-gallon gasoline UST (Tank B1), a 1,500-gallon fuel oil UST (Tank C1), a 7,500-gallon fuel oil UST (Tank D1) and a 550-gallon gasoline UST (Tank H). Based on review of a letter report prepared by SEA Consultants, Inc. (SEA) in 1994, closure samples from the fuel oil USTs were analyzed for total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs) only. In accordance with the Connecticut Department of Energy and Environmental Protection (CTDEEP) Suggested Analytical Methods for Evaluating Petroleum Releases, closure samples from the fuel oil USTs should have been analyzed for semi-volatile organic compounds (SVOCs) or polynuclear aromatic hydrocarbons (PAHs). Furthermore, TPH is an outdated method.

- The Site currently operates with an 8,000-gallon fuel oil UST (Tank D1R1), which was installed in September 1992. This UST was observed to the south of Building 3. According to a UST Facility Notification Form, this tank has a life expectancy of 30 years, which expires in 2022.

- The Site formerly operated with a 2,000-gallon fuel oil UST (Tank F1), which was installed in July 1982 and removed in January 1999. According to a Facility Layout Plan dated June 1998, this UST was located in the vicinity of the Group Home (Building 7). A UST removal report documenting closure sampling was not found.

- The Site currently operates with a 1,000-gallon diesel UST (Tank I1 or Tank I9), which was installed in January 1989. According to a Facility Layout Plan dated June 1998, this UST is located to the south of Building 1. Furthermore, according to a UST Compliance Inspection Checklist, this UST has a life expectancy of 30 years, which expired in 2019.

- The Site currently operates with a 6,000-gallon fuel oil UST (Tank J1), which was installed in May 1993. This UST was observed to the adjacent west of Building 5. According to a UST Facility Notification Form, this tank has a life expectancy of 30 years, which expires in 2023.

- The Site maintains an open leaking underground storage tank (LUST) case from a release of fuel oil beneath Building 1 in 1992. Impacted soil was removed to the extents possible; however, some soil was left in place due to structural limitations.

In addition, the following business environmental risks (BERs) were identified in connection with the Site:

- The Site formerly operated with one 275-gallon gasoline tank (Tank E1), which was installed in September 1983 and removed in August 2009. According to a UST Facility Notification Form, this tank was reported to be an aboveground storage tank (AST) containing fuel oil. An attached Site plan depicts the AST adjacent to a trailer located to the west of the Building 1.

- An undated Site plan depicts Building 1, prior to the addition of Building 5, with a septic tank and associated leach field to the east of the building. No additional information was found pertaining the removal or abandonment of the septic tank and/or leach field. Evidence of a potential leach field was observed near the pool area.

- A propane UST was observed proximal to the pool. The size and installation date of this UST are unknown.

Based on these findings BL Companies recommended a Phase II SI be performed to evaluate the potential for subsurface impacts from the above-mentioned RECs.

3.0 Scope of Work

At the Client's request, BL Companies developed a scope of work to evaluate the RECs identified during the July 2020 Phase I ESA. The proposed investigation activities included an on-Site geophysical survey and the installation and sampling of soil borings and groundwater monitoring wells to evaluate the potential for Site operations to have adversely affected the environmental conditions of the Site, and a groundwater elevation survey to determine localized groundwater flow direction.

Additionally, BL Companies researched the 75 gallons of flammable liquid identified on a 2006 hazardous waste manifest to understand if it was potentially recycled/blended.

3.1 Deviations

The following deviations from the proposed scope of work are noted:

- A UST Closure report dated August 2020 was found on the CTDEEP Open Data Portal for removal of the 1,000-gallon diesel UST (Tank I1 or Tank I9) located to the south of Building 1; therefore, investigation of this REC was not included in the proposed scope of work. According to the Tank Closure Report prepared by Environmental Services, Inc. (ESI) in August 2020, closure samples were collected from the sidewalls and bottom of the tank grave, and submitted for laboratory analysis of aromatic volatile organic compounds (AVOCs), polynuclear aromatic hydrocarbons (PAHs) and/or extractable total petroleum hydrocarbons (ETPH), which were not detected. ESI recommended an updated UST Facility Notification Form be completed and a copy of the report be uploaded to the CTDEEP ez-File website.

- Shallow bedrock was encountered at several soil boring locations; therefore, overburden groundwater monitoring wells could not be installed at five of the proposed locations. The scope of work did not include, and the equipment used was not capable of the installation of bedrock wells.

- Based on the lack of monitoring well coverage, a groundwater elevation survey could not be completed to determine localized groundwater flow direction. Based on surface topography, groundwater is inferred to flow to the east.

4.0 Background and Applicability to the Connecticut Transfer Act

Based upon the information reviewed as part of BL Companies' Phase I ESA completed in July 2020, two hazardous waste manifests were found associated with the Site for waste generated in excess of 100 kilograms. At least one of the manifests appears to be associated with the recycling of spent mercury-containing lamps, which is considered universal waste under the Transfer Act, may be exempt, and should not trigger the requirements of the Transfer Act. The second manifest included 75 gallons of flammable liquid N.O.S (benzene), which was generated in 2006. Notes in the additional description section of the manifest list this waste as gasoline and water (benzene).

The waste generated on the 2006 manifest was transported and disposed of at United Industrial Services, which has since been acquired by Tradebe Environmental Services (Tradebe). BL Companies contacted Tradebe to understand general practices of the time the waste was generated. Tradebe could not certify the waste stream of the 2006 manifest; however, provided information on general procedures in a letter dated January 27, 2021. According to the letter, the water layer was typically split from the gasoline and treated at their facility. The recoverable gasoline was fuel blended and used as fuel at a

kiln facility. Based on their procedures, Tradebe stated the waste did not have to be characterized as hazardous.

Based on the manifest notes stating that the waste consisted of a gasoline and water mixture as well as general practices noted by Tradebe, it is likely the waste on the 2006 manifest was recycled/blended rather than disposed as a hazardous waste, and therefore, the Site does not likely meet the definition of an "Establishment" under the Connecticut Transfer Act based on this waste shipment.

A copy of the Tradebe letter is included in **Attachment 2**.

5.0 Geophysical Survey

BL Companies coordinated the completion of a focused geophysical survey at the Site using various geophysical techniques to attempt to locate current and former USTs, assist with locating private utilities, and to assist in safe placement of borings and monitoring wells. On February 11 and 12, 2021, Martin GeoEnvironmental, LLC (Martin) completed the geophysical survey, under the direction of a BL Companies field scientist. Geophysical instruments used included ground penetrating radar (GPR) with 400 megahertz (MHz) and 1600 MHz antennas, electromagnetic scanning, and line location/tracing equipment, to scan the Site for magnetic signatures associated with buried utilities, underground piping, conduits, or other geophysical anomalies.

Suspected UST graves or excavation areas were found by GPR at the following locations:

- East of the former girls' dorm (former Building 2)
- West of the former group home (Building 7)
- South-southwest of the current 8,000-gallon fuel oil UST (South of Building 3).

Proposed soil boring and monitoring well locations were cleared of underground utilities prior to advancement.

6.0 Soil Borings/Monitoring Wells and Sampling Program

BL Companies mobilized a Geoprobe® 6620DT drill rig in order to advance soil borings/install monitoring wells at the Site for the collection of soil and groundwater samples to be submitted for laboratory analysis. Drilling activities were conducted by Martin under the direction of a BL Companies field scientist, on February 11 and 12, 2021. The locations of the soil borings and groundwater monitoring wells are depicted on the Site Investigation Plans (**SI-01 through SI-05**) included in **Attachment 1**. Boring logs and well completion diagrams documenting well construction and subsurface conditions are included in **Attachment 3**.

A total of 11 soil borings (SB-1 through SB-11) were installed in exterior areas to depths ranging from 9.5-11.5 feet (‘) below ground surface (bgs). The rational for the borings and monitoring wells is summarized as follows:

- SB-1/MW-1: One soil boring, completed as a permanent monitoring well, was installed to the north of Building 9 to evaluate former gasoline UST B1.

- SB-2 and SB-3: Two soil borings were advanced to the northeast of Building 5 to evaluate former fuel oil UST A1. One soil boring was proposed to be completed as a well; however, shallow bedrock was encountered at both locations and neither boring could be completed as a well.

- SB-4 and SB-5: Two soil borings were advanced in the grass area to the east of Building 5 to evaluate current fuel oil UST J1. One soil boring was proposed to be completed as a monitoring well; however, shallow bedrock was encountered at both locations and neither boring could be completed as a well.

- SB-6 and SB-7/MW-2: Two soil borings were advanced to the east of former Building 2 to evaluate former fuel oil USTs C1 and K-1, which were either located in the same UST grave or very close to each other. A Tank Closure Report was obtained for former Tank K-1 and discussed in the Phase I ESA. The soil borings were advanced at either end of the suspected UST grave identified during GPR activities. Soil boring SB-7 was completed as a permanent monitoring well.

- SB-8 and SB-9: Two soil borings were advanced to the south of Building 3 to evaluate former/current fuel oil UST D1/D1R1. One soil boring was proposed to be completed as a well; however, shallow bedrock was encountered at both locations and neither boring could be completed as a well.

- SB-10: One soil boring was advanced to evaluate former gasoline UST H. The soil boring was proposed to the west of Building 3; however, based on information from the Site contact as well as GPR activities, a suspected excavation area was identified to the southwest of the current fuel oil UST. A soil boring was advanced to the east (down-gradient) of the suspected excavation area. The soil boring could not be completed as a well due to shallow bedrock.

- SB-11: One soil boring was advanced to evaluate former fuel oil UST F1. A suspected UST grave was identified to the west-northwest of the former group home building (Building 7); therefore, a soil boring was advanced between the suspected grave and the building. The soil boring could not be completed as a well due to shallow bedrock.

During the advancement of the soil borings, recovered soil cores were examined and logged by a BL Companies field scientist to describe the lithology and composition of the soil column. The soils encountered generally consisted of reddish-brown fine to coarse sand with varying amounts of silt and gravel. Shallow bedrock, consisting of crushed weathered arkose sandstone was encountered at each soil boring location between 7.5 to 11.5' bgs.

Recovered soil cores were field screened with a photoionization detector (PID) for the presence of VOCs, which can be indicative of petroleum fuel constituents or other volatile chemical compounds. Soil samples were collected for laboratory analysis from representative intervals believed to have the greatest potential for environmental impacts based on field observations, PID field-screening results, and/or the depths most likely to contain environmental impact based on the release scenario identified during the Phase I ESA. PID readings above background (0.0 parts per million [ppm]) were not detected in the soil borings advanced during this investigation. A faint petroleum odor was identified at soil boring SB-11 from 0-3.5' bgs. No other visual/olfactory evidence of a release was observed in the soils screened.

A total of ten soil samples were collected and submitted for laboratory analysis. The soil samples were collected manually using laboratory-supplied Terracore sampling kits and transferred directly into laboratory-supplied sample containers. Glass jars supplied by the laboratory were also utilized to collect specific amounts of soil volumes. The soil samples were placed in an ice-filled cooler and were submitted under proper chain-of-custody protocols to York Analytical Laboratories (York) of Stratford, Connecticut for analysis of one or more of the following: VOCs, Connecticut Extractable Total Petroleum Hydrocarbons (CT ETPH), Polynuclear Aromatic Hydrocarbons (PAHs), and/or total lead.

Following soil boring advancement, a total of two soil borings were completed as 2-inch groundwater monitoring wells (SB-1/MW-1 and SB-7/MW-2) installed to depths ranging from 10.5 to 13' bgs. Due to bedrock refusal encountered during monitoring well installation, MW-1 was constructed with 7.5' of schedule 40 polyvinyl chloride (PVC) well screen, followed by solid PVC riser pipe to grade. Well MW-2 was constructed with 10' of schedule 40 PVC well screen followed by solid PVC riser pipe to grade. The annular space between the well screens/risers and the borehole sidewalls were filled with sand to approximately one foot above the top of the well screen, followed by a one-foot thick bentonite seal and more sand to grade. Following monitoring well installation, the monitoring wells were purged with a whale pump to remove fine sands and sediments that may have accumulated during installation. The monitoring wells were allowed to settle prior to groundwater sampling.

BL Companies returned on February 16, 2021 to collect groundwater samples via low-flow methodology. Prior to sampling, depth to water measurements were collected at each monitoring well location. A total of two groundwater samples were collected and

submitted for laboratory analysis. The groundwater samples were collected into laboratory-supplied sample containers. The groundwater samples were placed in an ice-filled cooler and were submitted under proper chain-of-custody protocols to York for analysis of one or more of the following: VOCs, CT ETPH, PAHs, and/or lead.

As previously discussed, due to the presence of shallow bedrock and lack of groundwater above the bedrock, only two monitoring wells were installed. Therefore, a groundwater elevation survey could not be completed. Based on review of topographic maps as well as Site conditions, groundwater flow is inferred to the east, towards on-Site streams and the Quinnipiac River.

7.0 Laboratory Analytical Results

The CTDEEP has promulgated the Remedial Standard Regulations (RSRs), Sections 22a-133k-1 through 3 of the Regulations of the Connecticut State Agencies (RCSA), that specify the allowable levels of regulated compounds in soil and groundwater for both GA (groundwater presumed drinkable without treatment) and GB (presumed unsuitable for drinking without treatment) groundwater classification areas. Since the implementation of the RSRs in 1996, the regulated community, including environmental consultants and attorneys, have interpreted that full compliance with the RSRs generally only applies to sites that are under order from the CTDEEP to perform remediation, are considered a Hazardous Waste Establishment as defined by the CTA, are impacted from certain leaking underground storage tanks, or are undergoing voluntary remediation where verification by a LEP or the CTDEEP is sought or required. However, a recent written response to proposed regulatory changes now in effect by CTDEEP indicates that CTDEEP attorneys believe that the RSRs apply to all releases, regardless of whether or not the site falls under one of the scenarios listed above, and that full compliance with the RSRs is required for every release. BL Companies used the numeric criteria established in the RSRs to evaluate concentrations of regulated compounds detected in soil and groundwater.

The RSRs define two criteria that apply to soil: The Direct Exposure Criteria (DEC) and the Pollutant Mobility Criteria (PMC). The DEC defines the maximum level of regulated compounds allowed in soil to a depth of 15 feet bgs without posing a threat due to direct human exposure, while the PMC sets the maximum level of regulated compounds allowed in soil without posing a threat to groundwater quality. Each criterion is further divided into two categories; the DEC is based upon site usage (i.e., residential (RES) or industrial/commercial (I/C) use), while the PMC is based on the groundwater classification (i.e., GA/GAA or GB). The Site is in a GB groundwater classification area and, therefore, analytical data has been compared to the GB PMC.

The RES DEC must be met if a site is to be used for residential purposes. The CTDEEP and the RSRs define “residential activity” to include any activity related to a residence or

dwelling, or to a school, hospital, day care center, playground, or outdoor recreation area. If a site or property is not to be used for residential purposes, then the I/C DEC may be met if an Environmental Land Use Restriction (ELUR) is filed for the site. The ELUR would limit the site to only industrial or commercial usage. The current use of the Site meets the definition of residential.

The DEC does not apply if soil meets the definition of "inaccessible," and the PMC does not apply if soil meets the definition of "environmentally isolated." In either case, an ELUR is required.

Soil can be rendered "inaccessible" if the impacted soil is covered by four feet of clean fill (non-polluted material) or covered by two feet of clean fill and a minimum of three inches of asphalt or covered by a building or other permanent structure. A 2013 Amendment to the RSRs allows for fill material which has been impacted by "semi-volatile substances or petroleum hydrocarbons that are normal constituents of bituminous concrete" and/or metals that are less than two times the DEC to be capped with asphalt and deemed inaccessible, even at depths between 0-2' bgs. The ELUR put in place during this scenario would no longer need the CTDEEP approval, financial assurance, or reporting requirements associated with an engineered control as it would have prior to the amendment.

Soils that are isolated beneath a building or other impermeable structure may be considered "environmentally isolated," such that with the use of an ELUR, the PMC does not apply. Asphalt is not considered impermeable and cannot be used to render soil environmentally isolated.

Additionally, the RSRs also provide several self-implementing options for assessment of regulated compounds in soil.

The RSRs define three criteria that apply to groundwater: the groundwater protection criteria (GWPC), the surface water protection criteria (SWPC), and the groundwater volatilization criteria (GWVC). The GWPC defines the maximum levels of regulated compounds allowed in groundwater for protection of the groundwater as a potable water source. In areas that are classified as GA or GAA, the remediation goal may be to achieve the GWPC or more stringent background conditions, depending on if municipal water is available for all area residents or if a public water supply is nearby. The GWPC generally does not apply to GB areas unless water supply wells are located within the vicinity of an identified plume. The Site is located in a GB groundwater classification area, and therefore, the GWPC does not apply. The Site is provided with municipal water.

The SWPC applies to impacted groundwater that is discharging to a surface water body, including wetlands, streams, rivers, ponds, lakes, and Long Island Sound. One standard has been set for all surface water bodies, regardless of quality classification. The SWPC

specifies the levels of compounds allowable in groundwater just prior to discharging into surface water. Compliance with the SWPC is established at the point at which the plume discharges to the surface water body. The RSRs also allow the evaluation of an alternative SWPC, based on available dilution in the receiving water body.

The GWVC sets the allowable levels of VOCs in groundwater that is less than 15 feet bgs. The GWVC is designed to protect humans from exposure to VOCs present in shallow groundwater. RES and I/C GWVC have been established, with the RES GWVC being more stringent, and the I/C GWVC requiring the use of an ELUR. The GWVC may not have to be met if monitoring of soil vapor above the water table or indoor air quality demonstrates that there is no exposure hazard.

7.1 Soil

Soil sample analytical results are summarized on **Table 1** included in **Attachment 4**. The soil sample laboratory report is included in **Attachment 5**.

VOCs: Acetone was detected in two samples and 2-Butanone was detected in one sample at concentrations well below applicable RSR criteria. Methylene chloride was detected in each sample analyzed at concentrations exceeding the GB PMC.

The results for acetone and methylene chloride were flagged by the laboratory as estimated values due to the analytes behavior during initial and/or continuing calibration. Furthermore, acetone and methylene chloride are known as common laboratory contaminants and are not considered to be Site-specific constituents of concern.

ETPH was detected in the soil sample collected from SB-11 at a concentration below applicable RSR criteria.

PAHs were not detected above laboratory reporting limits in the soil samples analyzed.

Total lead was detected in the two soil samples analyzed at concentrations below applicable RSR criteria.

7.2 Groundwater

Groundwater sample analytical results are summarized on **Table 2** included in **Attachment 4**. The groundwater sample laboratory report is included in **Attachment 5**.

VOCs and PAHs were not detected above laboratory reporting limits.

ETPH was detected in the sample collected from monitoring well MW-2 at a concentration below the SWPC.

Total lead was detected in the sample collected from monitoring well MW-1 at concentration below the SWPC.

8.0 Conclusions and Recommendations

BL Companies performed a Phase II SI at the Site in February 2021 to evaluate the RECs identified during the Phase I ESA. Based on the results of the Phase II LSI, the following conclusions are provided:

- ETPH was detected in the soil sample collected from soil boring SB-11, which was advanced to evaluate former fuel oil UST F1, at a concentration below applicable RSR criteria. During GPR activities a suspected UST grave was identified to the west-northwest of the former group home (Building 7); therefore, a soil boring was advanced between the suspected grave and the building, downgradient of the former tank location. During drilling, a faint petroleum odor was observed in shallow soils collected from this boring. The soil boring could not be completed as a well due to shallow bedrock. The presence of ETPH could be related to residual impacts associated with the fuel oil supply line to the building.

- During GPR activities, a suspected tank grave was identified to the east of former Building 2. Based on review of tank closure reports and Site plans, it appears this grave may have been associated with former UST K1. Additionally, based on review of Site plans, it is unclear if UST K1 was installed in the same location as former UST C1. The extent of the GPR survey around former Building 2 was limited by snow coverage at the time of this investigation. ETPH was detected in the groundwater sample collected from monitoring well MW-2, installed to evaluate former fuel oil USTs C1 and K1, at concentrations below the SWPC. Monitoring well MW-2 is located at the inferred downgradient portion of the Site, as well as downgradient of the two former USTs, and the presence of ETPH in groundwater at MW-2 may be indicative of minor releases from the former USTs.

- Methylene chloride was detected in each soil sample at concentrations exceeding the GB PMC; however, the concentrations of methylene chloride were flagged by the laboratory as estimates due to behavior during continuing calibration verification. Methylene chloride was not detected in the groundwater samples collected. Methylene chloride is known as a common laboratory contaminant and has not been identified as a Site-specific constituent of concern. Therefore, detections of acetone in soil and groundwater are not considered to be indicative of a release. Additional investigation into methylene chloride at the Site does not appear to be warranted at this time.

- Acetone was detected in two soil samples at trace concentrations well below applicable RSR criteria. Acetone concentrations were flagged by the laboratory as estimated values due to the analyte's behavior during initial calibration. Acetone was not detected in the groundwater samples. Acetone is known as a common laboratory contaminant and has not been identified as a Site-specific constituent of concern. Therefore, detections of acetone in soil are not considered to be indicative of a release. Additional investigation into acetone at the Site does not appear to be warranted at this time.

- Based on the letter provided by Tradebe, the waste shipped on the 2006 manifest was likely recycled/blended; therefore, the Site does not appear to meet the definition of an "Establishment." In the event, the Town acquires the Site, forms would not need to be filed with the CTDEEP upon transfer. The Client should consult legal counsel prior to a transaction involving the Site to confirm a filing is not required based on the available documentation.

Based on the results of this investigation, methylene chloride was detected at concentrations exceeding applicable regulatory criteria. Methylene chloride is a known laboratory contaminant and not an anticipated constituent of concern for the Site; therefore, no further investigation is recommended at this time.

Based on the results of this investigation, potential minor releases of ETPH were detected in soil proximal to Building 7 (SB-11) and groundwater downgradient of former Building 2 (MW-2). ETPH was detected in both soil and groundwater at concentrations below applicable RSR criteria; however, if additional assurance is needed to confirm the extent of potential release areas, then additional investigation would be required.

In the event that a decision is made to acquire the Site, BL Companies makes the following recommendations:

- Removal, closure and/or replacement of the current 6,000-gallon fuel oil UST (Tank J1) and 8,000-gallon fuel oil UST (Tank D1R1) on or before their life expectancy date.

- Consultation with legal counsel to confirm a CTA filing is not required prior to transfer of the Site.

The potential cost to complete these tasks can be provided upon request.

9.0 Limitations

The data generated during this Phase II SI reflects the conditions found at the Site on the dates and at the locations specified. While professional interpretations have been used

in the evaluation of the results, the data cannot be extrapolated to untested areas of the Site or for compounds that were not analyzed during this assessment.

This investigation has been performed solely for the benefit and individual use of the Client. No part thereof, nor any copy of the same, shall be used for any purpose by anyone other than the Client. No disclosure of this report may be made without the prior written consent of BL Companies.

BL Companies appreciates the opportunity to provide our environmental services to you. Should there be any questions regarding this report, please do not hesitate to contact the undersigned.

Respectfully submitted,
BL Companies

Jordana Langford,
Project Manager

Samuel Haydock, MS, LEP
Principal

Attachments

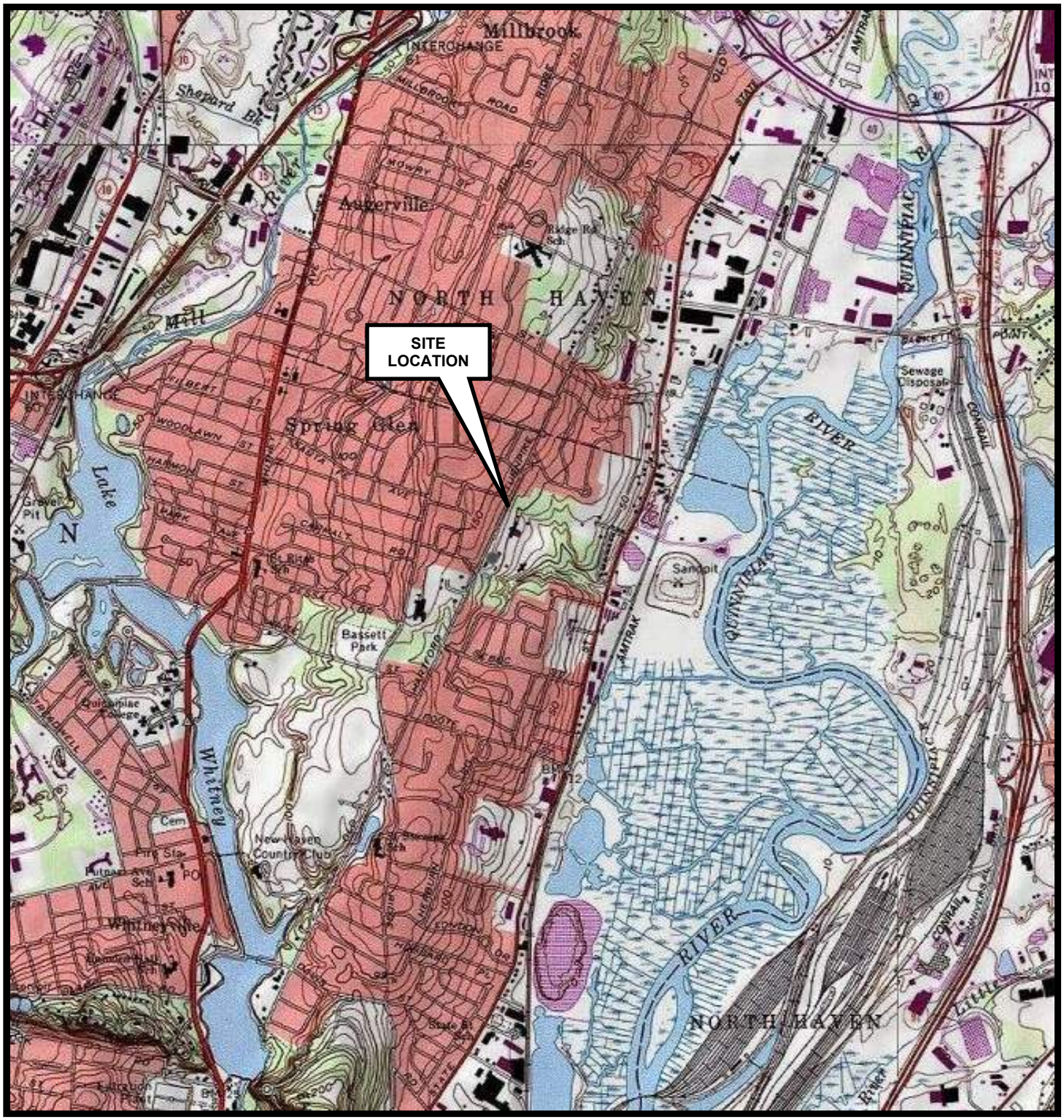
ATTACHMENTS

ATTACHMENT 1

Site Location Map

Site Plan (SP-01)

Site Investigation Plans (SI-01 through SI-05)



Base map is a reproduction of the U.S.G.S. 7.5 Minute
Topographic Quadrangle of New Haven, Mount Carmel, Wallingford, and Branford
Connecticut, 2018

N

SITE LOCATION MAP

825 Hartford Turnpike
Hamden, Connecticut

Project No.
2000201

BL Companies

LEGEND:

—— - —— PROPERTY BOUNDARY

GRAPHIC SCALE

220 0 220

SCALE IN FEET

BL Companies

ARCHITECTURE
ENGINEERING
PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
ENVIRONMENTAL SCIENCES

355 Research Parkway
Meriden, CT 06450
(203)603-1406
(203) 630-2615 Fax

SITE PLAN

825 HARTFORD TURNPIKE
HAMDEN, CONNECTICUT

Designed	W.W.J.
Drawn	W.W.J.
Checked	J.L.
Approved	J.L.
Scale	1"=220'
Project No.	2000201
Date	03/3/2021
CAD File	EV200020101

SP-01

LEGEND:

PROPERTY BOUNDARY

SB-2 SOIL BORING LOCATION

SB-1 / MW-1 MONITORING WELL LOCATION

GRAPHIC SCALE

130 0 130

SCALE IN FEET

BL Companies

ARCHITECTURE
ENGINEERING
PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
ENVIRONMENTAL SCIENCES

355 Research Parkway
Meriden, CT 06450
(203)603-1406
(203) 630-2615 Fax

SITE INVESTIGATION PLAN

825 HARTFORD TURNPIKE
HAMDEN, CONNECTICUT

Designed	W.W.J.
Drawn	W.W.J.
Checked	J.L.
Approved	J.L.
Scale	1"=130'
Project No.	2000201
Date	03/3/2021
CAD File	EV200020101

SI-01

LEGEND:

PROPERTY BOUNDARY

SB-2 SOIL BORING LOCATION

SB-1 MW-1 MONITORING WELL LOCATION

GRAPHIC SCALE

30 15 0 30

SCALE IN FEET

BL Companies

ARCHITECTURE
ENGINEERING
PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
ENVIRONMENTAL SCIENCES

355 Research Parkway
Meriden, CT 06450
(203)603-1406
(203) 630-2615 Fax

SITE INVESTIGATION PLAN

825 HARTFORD TURNPIKE
HAMDEN, CONNECTICUT

Designed	W.W.J.
Drawn	W.W.J.
Checked	J.L.
Approved	J.L.
Scale	1"=30'
Project No.	2000201
Date	03/3/2021
CAD File	EV200020101

SI-02

LEGEND:

PROPERTY BOUNDARY

SB-2 SOIL BORING LOCATION

SB-1 / MW-1 MONITORING WELL LOCATION

GRAPHIC SCALE

30 15 0 30

SCALE IN FEET

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Meriden, CT 06450
(203)603-1406
(203) 630-2615 Fax

SITE INVESTIGATION PLAN

825 HARTFORD TURNPIKE
HAMDEN, CONNECTICUT

Designed	W.W.J.
Drawn	W.W.J.
Checked	J.L.
Approved	J.L.
Scale	1"=30'
Project No.	2000201
Date	03/3/2021
CAD File	EV200020101

SI-03

LEGEND:

PROPERTY BOUNDARY

SB–2 SOIL BORING LOCATION

GRAPHIC SCALE

30 15 0 30

SCALE IN FEET

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Checked	J.L.
Approved	J.L.
Scale	1"=30'
Project No.	2000201
Date	03/3/2021
CAD File	EV200020101

SI-04

LEGEND:

PROPERTY BOUNDARY

SB-2 SOIL BORING LOCATION

GRAPHIC SCALE

30 15 0 30

SCALE IN FEET

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Meriden, CT 06450
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SITE INVESTIGATION PLAN

825 HARTFORD TURNPIKE
HAMDEN, CONNECTICUT

Designed	W.W.J.
Drawn	W.W.J.
Checked	J.L.
Approved	J.L.
Scale	1"=30'
Project No.	2000201
Date	03/3/2021
CAD File	EV200020101

SI-05

ATTACHMENT 2

Tradebe Letter

TRADEBE
Environmental Services™

234 HOBART STREET MERIDEN, CT 06450
TOLL FREE (888) 276-0887

January 27, 2021

Wesley Johnson
BL Companies
355 Research Parkway
Meriden, CT 06450

Re: DCF Highmeadows, 825 Hartford TRPK, Hamden, CT 06517

Dear Mr. Johnson:

The purpose of this letter is not confirmation that the subject waste stream was processed as described below, but to inform the reader of the typical waste management practices implemented by the prior operator as we had been advised at the time of our acquisition.

This letter shall document the general procedures performed with the gasoline solutions, such as those in the referenced manifests, which was received at the United Oil Recovery, Inc/United Industrial Services, Inc facility in Meriden, Connecticut, now known as Tradebe Treatment and Recycling Northeast, LLC. The manifest of concern is CTF1252085 shipping 75G, received on 01/26/2006.

Typically, for this waste stream, the water layer would have been split from the gasoline and treated on-site. The recoverable gasoline would have been fuel blended and sent off-site to be used as a fuel at a kiln facility. Meeting the criteria, the generator had the option to profile and ship the waste as an off-specification commercial chemical product exclusion under the definition of solid waste. This means that the waste stream did not have to be characterized as a hazardous waste as described on the manifest. The regulatory citation for this is 40 CFR 261.2(c)(2)(ii). While this describes the typical practices, we cannot certify that this is how the subject waste stream was processed.

Please feel free to contact me if you require any further assistance.

Sincerely,

Kristoffer D. Lubas, CHMM, CIT
Environmental Specialist
Tradebe Environmental Services

ATTACHMENT 3

Boring Logs and Well Completion Diagrams

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SOIL BORING LOG / WELL COMPLETION DIAGRAM

BORING ID SB-1/ MW-1
PROJECT NUMBER 2000201
PROJECT NAME Hamden High Meadows
CLIENT Town of Hamden
DRILLING DATE 2/12/2021
Logged By Wesley Johnson

DRILLING COMPANY Martin
DRILLER Jeremy Martin
DRILL RIG 6620DT
DRILLING METHOD Direct Push
TOTAL BORING DEPTH 9.5 Feet
DIAMETER 3.5 Inches

WELL COMPLETION DEPTH 10.5 Feet
CASING 2" Diameter PVC
SCREEN 1" Diameter Slotted PVC

COMMENTS 1st attempt encountered refusal at 9.5' bgs. Offset. 2nd attempt encountered refusal at 10.5' bgs. Completed soil boring and flush-mount monitoring well

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Well Diagram	Water	Additional Observations
	3.8'	0.0	0-0.5	0-0.5': ASPHALT.		Sand		
			0.5-1.1	0.5-1.1': Reddish brown SILT and fine to coarse SAND, some coarse sub angular gravel, medium density, dry.				
			1.1-3.8	1.1-3.8': Reddish brown SILT and fine to coarse SAND, trace fine to coarse sub angular gravel, medium density, dry, damp at ~2.5'.		Bentonite		
			3.8-5	3.8-5': No recovery.				
Sample collected 5-7' bgs.	4'	0.0	5-9	5-9': Reddish brown fine to coarse SAND, little silt, trace fine to coarse sub angular gravel, medium density, wet.		Sand	▽	
			9	Refusal at 9.5' bgs.				

Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50 %

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SOIL BORING LOG

BORING ID SB-2
PROJECT NUMBER 2000201
PROJECT NAME Hamden High Meadows
CLIENT Town of Hamden

DRILLING DATE 2/11/2021
DRILLING COMPANY Martin
DRILLER Jeremy Martin
DRILL RIG 6620 DT
DRILLING METHOD Direct Push

SOIL BORING DIAMETER 3.25 Inches
LOGGED BY Wes Johnson

COMMENTS

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
	2.8'	0.0	0.5	0-0.5': ASPHALT, dry.		Tank A VOCs, ETPH, PAHs
			1	0.5-1': Reddish brown fine to coarse SAND, little fine to coarse sub angular gravel, trace silt, medium density, dry.		
			1.5	1-2.2': Fine STONE/GRAVEL, dry.		
			2			
			2.5	2.2-2.8': Reddish brown fine to coarse SAND, trace silt, medium density, dry.		
			3	2.8-5': No Recovery.		
			3.5			
			4			
			4.5			
Sample collected 5-6' bgs.	2.5'	0.0	5	5-6.9': Reddish brown fine to coarse SAND, trace silt, medium density, damp.		Refusal at 8'bgs. Offset, refusal at 8.5'bgs.
			5.5			
			6			
			6.5			
			7	6.9-7.5': Crushed weathered SANDSTONE.		
			7.5	Refusal at 8.5'bgs, no well installed.		
			8			
			8.5			
			9			
			9.5			
			10			
			10.5			
			11			
			11.5			

Proportions Used: Trace = 1 to 10%, Little 10 to 20%, Some 20 to 30%, And 30 to 50%

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SOIL BORING LOG

BORING ID SB-3
PROJECT NUMBER 2000201
PROJECT NAME Hamden High Meadows
CLIENT Town of Hamden

DRILLING DATE 2/11/2021
DRILLING COMPANY Martin
DRILLER Jeremy Martin
DRILL RIG 6620 DT
DRILLING METHOD Direct Push

SOIL BORING DIAMETER 3.25 Inches
LOGGED BY Wes Johnson

COMMENTS

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
	3.5'	0.0	0.5, 1, 1.5, 2, 2.5, 3, 3.5	0-1': ASPHALT and SUB-BASE, dry. 1-3.5': Reddish brown fine to coarse SAND and SILT, trace fine to coarse sub angular gravel, medium density, dry.		
			4, 4.5, 5	3.5-5': No recovery.		
Sample collected 5-7' bgs.	2'	0.0	5.5, 6, 6.5, 7	5-7': Reddish brown fine to coarse SAND and SILT, trace fine to coarse sub angular gravel, medium density, dry.		
			7.5, 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5	Refusal at 7.5'bgs.		

Proportions Used: Trace = 1 to 10%, Little 10 to 20%, Some 20 to 30%, And 30 to 50%

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SOIL BORING LOG

BORING ID SB-4
PROJECT NUMBER 2000201
PROJECT NAME Hamden High Meadows
CLIENT Town of Hamden

DRILLING DATE 2/11/2021
DRILLING COMPANY Martin
DRILLER Jeremy Martin
DRILL RIG 6620 DT
DRILLING METHOD Direct Push

SOIL BORING DIAMETER 3.25 Inches
LOGGED BY Wes Johnson

COMMENTS

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
	3.8'	0.0	0.5, 1, 1.5, 2, 2.5, 3, 3.5	0-3.8': Reddish brown SILT, little fine to coarse sand, dense, dry.		Tank J1 VOCs, ETPH, PAHs
			4, 4.5	3.8-5': No recovery.		
	3.6'		5, 5.5, 6	5-6.5': Reddish brown SILT, little fine to coarse sand, dense, dry.		
Sample collected 7.5-8.6' bgs.		0.0	6.5, 7, 7.5, 8, 8.5	6.5-8.6': Reddish brown SILT and fine to coarse SAND, dense, dry.		
			9, 9.5	8.6-10': No recovery.		
	1'	0.0	10, 10.5	10-11': Crushed weathered arkose SANDSTONE, dry.		
			11, 11.5	Refusal at 11' bgs.		

Proportions Used: Trace = 1 to 10%, Little 10 to 20%, Some 20 to 30%, And 30 to 50%

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SOIL BORING LOG

BORING ID SB-5
PROJECT NUMBER 2000201
PROJECT NAME Hamden High Meadows
CLIENT Town of Hamden

DRILLING DATE 2/11/2021
DRILLING COMPANY Martin
DRILLER Jeremy Martin
DRILL RIG 6620 DT
DRILLING METHOD Direct Push

SOIL BORING DIAMETER 3.25 Inches
LOGGED BY Wes Johnson

COMMENTS

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
	4.2'	0.0	0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4	0-4.2': Reddish brown SILT, little fine to coarse sand, trace roots, medium density, dry.		
			4.5	4.2-5': No recovery.		
Sample collected 5-7' bgs.	3.6'	0.0	5	5-5.4': Reddish brown SILT, little fine to coarse sand, trace roots, medium density, dry.		
			5.5, 6, 6.5, 7, 7.5	5.4-7.5': Reddish brown SILT and fine to coarse SAND, medium density, dry/slightly damp at ~6.4'		
			8	7.5-8.6': Crushed arkose SANDSTONE.		
			8.5, 9, 9.5, 10, 10.5, 11, 11.5	Refusal at 9.5' bgs, offset, redrilled, refusal at 9.5'. No water, no well installation.		

Proportions Used: Trace = 1 to 10%, Little 10 to 20%, Some 20 to 30%, And 30 to 50%

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SOIL BORING LOG

BORING ID SB-6
PROJECT NUMBER 2000201
PROJECT NAME Hamden High Meadows
CLIENT Town of Hamden

DRILLING DATE 2/12/2021
DRILLING COMPANY Martin
DRILLER Jeremy Martin
DRILL RIG 6620 DT
DRILLING METHOD Direct Push

SOIL BORING DIAMETER 3.25 Inches
LOGGED BY Wes Johnson

COMMENTS

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
	2.9'		0.5	0-1.2': ASPHALT and SUB-BASE, dry.		Sample not to run, HOLD.
Sample collected 1.2-2.4' bgs.		0.0	1 1.5 2	1.2-2.4': Reddish rbown fine to coarse SAND, little silt, medium denisty, slightly damp.		Borehole collapsed at 3' bgs. Water table likely at 3' bgs.
			2.5	2.4-2.9': Gray brown fine to coarse sub angular GRAVEL, wet.		
			3 3.5 4 4.5	2.9-5': No recovery.		
	1'	0.0	5 5.5	5-6': Gray brown fine to coarse sub angular GRAVEL, wet.		
			6 6.5 7 7.5 8 8.5 9 9.5 10 10.5 11 11.5	Refusal at 10' bgs. Lost casing (frozen in ground). Couldn't set well.		

Proportions Used: Trace = 1 to 10%, Little 10 to 20%, Some 20 to 30%, And 30 to 50%

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SOIL BORING LOG / WELL COMPLETION DIAGRAM

BORING ID SB-7 / MW-2
PROJECT NUMBER 2000201
PROJECT NAME Hamden High Meadows
CLIENT Town of Hamden
DRILLING DATE 2/11/2021
Logged By Wesley Johnson

DRILLING COMPANY Martin
DRILLER Jeremy Martin
DRILL RIG 6620DT
DRILLING METHOD Direct Push
TOTAL BORING DEPTH 10 Feet
DIAMETER 3.5 Inches

WELL COMPLETION DEPTH 13 Feet
CASING 2" Diameter PVC
SCREEN 1" Diameter Slotted PVC

COMMENTS Borehole collapsed at 5.5' bgs. Most likely because of the water table.

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Well Diagram	Water	Additional Observations
	2.7'	0.0	0-2	0-2.7': Reddish brown SILT, little fine to coarse sand, trace fine to coarse sub angular gravel, medium density, dry, damp ~2-2.5' bgs.		Sand; Bentonite		
			3-4	2.7-5': No recovery.				
Sample collected 5.5-6' bgs.	2.8'	0.0	5-7	5-7.8': Reddish brown SILT, little fine to coarse sand, trace fine to coarse sub angular gravel, medium density, damp, wet at 6' bgs.		Sand	▽	
			8	End at 10' bgs. No refusal.				

Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50 %

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SOIL BORING LOG

BORING ID SB-8
PROJECT NUMBER 2000201
PROJECT NAME Hamden High Meadows
CLIENT Town of Hamden

DRILLING DATE 2/12/2021
DRILLING COMPANY Martin
DRILLER Jeremy Martin
DRILL RIG 6620 DT
DRILLING METHOD Direct Push

SOIL BORING DIAMETER 3.25 Inches
LOGGED BY Wes Johnson

COMMENTS

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
	3'	0.0	0.5	0-0.9': ASPHALT, dry.		
			1	0.9-1.3': Reddish brown SILT and fine to coarse SAND, trace fine sub angular gravel, medium density, dry.		
			1.5	1.3-1.5': ASPHALT, dry.		
			2	1.5-3': Reddish brown SILT, some fine to coarse sand, trace fine sub angular gravel, medium density, dry.		
			2.5			
			3			
			3.5	3-5': No recovery.		
			4			
			4.5			
			5			
Sample collected 5.5-6' bgs.	2.3'	0.0	5.5	5-6.6': Reddish brown SILT, some fine to coarse sand, trace fine sub angular gravel, medium density, dry.		
			6			
			6.5			
			7	6.6-7.3': Crushed red weathered arkose SANDSTONE, dry.		
			7.5	Refusal at 9' bgs.		
			8			
			8.5			
			9			
			9.5			
			10			
			10.5			
			11			
			11.5			

Proportions Used: Trace = 1 to 10%, Little 10 to 20%, Some 20 to 30%, And 30 to 50%

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SOIL BORING LOG

BORING ID SB-9
PROJECT NUMBER 2000201
PROJECT NAME Hamden High Meadows
CLIENT Town of Hamden

DRILLING DATE 2/12/2021
DRILLING COMPANY Martin
DRILLER Jeremy Martin
DRILL RIG 6620 DT
DRILLING METHOD Direct Push

SOIL BORING DIAMETER 3.25 Inches
LOGGED BY Wes Johnson

COMMENTS

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
	3.4'	0.0	0.5	0-0.6': ASPHALT, dry.		
			1	0.6-3.4': Reddish brown fine to coarse SAND, little silt, trace fine to coarse sub angular gravel, medium density, dry.		
			1.5			
			2			
			2.5			
			3			
			3.5	3.4-5': No recovery.		
			4			
			4.5			
	4.5'	0.0	5	5-9.5': Reddish brown SILT, some fine to coarse sand, trace fine to coarse sub angular gravel, medium density, dry.		
			5.5			
			6			
			6.5			
			7			
			7.5			
Sample collected 8-9.5' bgs.			8			
			8.5			
			9			
			9.5	9.5-10': No recovery.		
	1.5'	0.0	10	10-11': Reddish brown SILT, some fine to coarse sand, trace fine to coarse sub angular gravel, medium density, dry.		
			10.5			
			11	11-11.5': Crushed weathered red arkose SANDSTONE, dry.		
			11.5	Refusal at 11.5' bgs. No well installation.		

Proportions Used: Trace = 1 to 10%, Little 10 to 20%, Some 20 to 30%, And 30 to 50%

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SOIL BORING LOG

BORING ID SB-10
PROJECT NUMBER 2000201
PROJECT NAME Hamden High Meadows
CLIENT Town of Hamden

DRILLING DATE 2/12/2021
DRILLING COMPANY Martin
DRILLER Jeremy Martin
DRILL RIG 6620 DT
DRILLING METHOD Direct Push

SOIL BORING DIAMETER 3.25 Inches
LOGGED BY Wes Johnson

COMMENTS

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
	3.8'	0.0	0.5 1 1.5 2 2.5 3 3.5	0-0.5': ASPHALT, dry. 0.5-3.8': Reddish brown SILT and fine to coarse SAND, trace fine to coarse sub angular gravel, medium density, dry.		Tank H VOCs and Lead
			4 4.5	3.8-5': No recovery.		
Sample collected 6-8' bgs.	3.3'	0.0	5 5.5 6 6.5 7 7.5 8	5-8': Reddish brown SILT, some fine to coarse sand, trace fine to coarse sub angular gravel, medium density, dry. 8-8.3': Crushed red weathered arkose SANDSTONE, dry.		
			8.5 9 9.5 10 10.5 11 11.5	Refusal at 9' bgs.		

Proportions Used: Trace = 1 to 10%, Little 10 to 20%, Some 20 to 30%, And 30 to 50%

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SOIL BORING LOG

BORING ID SB-11
PROJECT NUMBER 2000201
PROJECT NAME Hamden High Meadows
CLIENT Town of Hamden

DRILLING DATE 2/12/2021
DRILLING COMPANY Martin
DRILLER Jeremy Martin
DRILL RIG 6620 DT
DRILLING METHOD Direct Push

SOIL BORING DIAMETER 3.25 Inches
LOGGED BY Wes Johnson

COMMENTS

Sample Depth	Recovery (Ft)	PID (ppm)	Depth (Ft)	Material Description	Graphic Log	Additional Observations
	3.5'	0.0	0.5, 1, 1.5, 2, 2.5, 3, 3.5	0-3.5': Brown/reddish brown SILT, little fine to coarse sand, trace fine to coarse sub angular gravel, medium density, dry. Very faint petroleum odor from ~2.5-3.3'.		
Sample collected 2.5-3.3' bgs.						
			3.5, 4, 4.5, 5	3.5-5': No recovery.		
	3.2'	0.0	5.5, 6, 6.5, 7, 7.5, 8	1.5-4.2': Reddish brown fine to coarse SAND and SILT, trace fine to coarse sub angular gravel, trace cobbles, medium density, dry.		
Sample collected 7-8' bgs.						
			8.5, 9, 9.5, 10	8.2-10': No recovery		
	1'	0.0	10.5	4.2-5': Reddish brown fine to coarse SAND and SILT, trace fine to coarse sub angular gravel, medium density, dry.		
				10-10.5': Crushed red weathered arlose SANDSTONE. dry.		
			11, 11.5	Refusal at 11' bgs.		

Proportions Used: Trace = 1 to 10%, Little 10 to 20%, Some 20 to 30%, And 30 to 50%

produced by ESlog.ESdat.net on 01 Mar 2021

ATTACHMENT 4

Table 1: Soil Analytical Results

Table 2: Groundwater Analytical Results

Table 1
Soil Analytical Results
Hamden High Meadows, 825 Hartford Turnpike, Hamden, CT
BL Project No. 2000201

Parameters	CTDEEP RSR Numeric Criteria			Concentration of Compound in Sample									
	RES DEC (mg/kg)	I/C DEC (mg/kg)	GB PMC (mg/kg)	SB-1 (5-7') 2/11/2021	SB-2 (5-6') 2/11/2021	SB-3 (5-7') 2/11/2021	SB-4 (7.5-8.6') 2/11/2021	SB-5 (5-7') 2/11/2021	SB-7 (5-6') 2/12/2021	SB-8 (5-6.6') 2/12/2021	SB-9 (8-9.5') 2/12/2021	SB-10 (6-8') 2/11/2021	SB-11 (2.5-3.3') 2/12/2021
Extractable Total Petreolum Hydrocarbon (ETPH)													
EPTH	500	2,500	2,500	NA	ND	ND	ND	ND	ND	ND	ND	NA	77.4
Volatile Organic Compounds (VOCs)													
2-Butanone	500	1,000	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.6
Acetone	500	1000	140	ND	28 ICV-E20	ND	ND	ND	ND	ND	ND	ND	28 ICV-E20
Methylene Cholride	82	760	1	26 CCV-A	40 CCV-A	32 CCV-A	27 CCV-A	40 CCV-A	27 CCV-A	29 CCV-A	20 CCV-A	31 CCV-A	25 CCV-A
Polyaromatic Hydrocarbons (PAHs)													
Total PAHs	Varies	Varies	Varies	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND
Total Resource Conservation and Recovery Act (RCRA) 8 Metals													
Lead	400	1,000	NC	4.14	NA	NA	NA	NA	NA	NA	NA	9.38	ND

NOTES:
CTDEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
RES DEC = Residential Direct Exposure Criteria
I/C DEC = Industrial-Commercial Direct Exposure Criteria
GA PMC = GA Pollutant Mobility Criteria
Units reports in mg/kg
mg/kg = milligrams per kilogram
NC = Not Calculated for Mass Analysis
ND = Not detected above laboratory reporting limits
NA = Not Analyzed
ICV-E20 = The value reported is ESTIMATED due to it's behavior during initial calibration verification.
CCV-A = The value reported is ESTIMATED due to its behavior during continuing calibration verification. This applies to detected analytes only.
* = CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Crieria, September 2018

Only detected compounds are listed on table
Shade = Exceeds RES DEC
Bold = Exceeds I/C DEC
[ ] = Exceeds GB PMC

Table 2
Groundwater Analytical Results
Hamden High Meadows, 825 Hartford Turnpike, Hamden, CT
BL Project No. 2000201

Parameters	CTDEEP RSR Numeric Criteria			Concentration of Compound in Sample	
	SWPC	R-GWVC	I/C-GWVC	MW-2 (B-2)	MW-1 (B-9)
				2/16/2021	2/16/2021
Extractable Total Petroleum Hydrocarbons (ETPH)					
ETPH	250*	NE	NE	204	NA
Volatile Organic Compounds (VOCs)					
Total VOCs	Varies	Varies	Varies	ND	ND
Polyaromatic Hydrocarbons (PAHs)					
Total PAHs	Varies	Varies	Varies	ND	NA
Total Resource Conservation and Recovery Act (RCRA) 8 Metals					
Lead	13	NE	NE	NA	5.88

NOTES:
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSRs = Remediation Standard Regulations
GWPC = Ground Water Protection Criteria
SWPC = Surface Water Protection Criteria
R-GWVC = Residential Ground Water Volatalization Criteria
I/C-GWVC = Industrial/Commercial Ground Water Volatalization Criteria
Units reported in ug/L
µg/L = micrograms per Liter = parts per billion
NA = Not Analyzed
ND = Not Detected above the Laboratory Reporting Limit
* = CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Crieria, September 2018

ATTACHMENT 5

Laboratory Analytical Reports

Technical Report

prepared for:

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Jordana Langford

Report Date: 02/19/2021
Client Project ID: 2000201 Hamden high Meadows
York Project (SDG) No.: 21B0483

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

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
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Report Date: 02/19/2021
Client Project ID: 2000201 Hamden high Meadows
York Project (SDG) No.: 21B0483

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Jordana Langford

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 12, 2021 and listed below. The project was identified as your project: **2000201 Hamden high Meadows**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21B0483-01	SB-1 5-7'	Soil	02/11/2021	02/12/2021
21B0483-02	SB-2 5-6'	Soil	02/11/2021	02/12/2021
21B0483-03	SB-3 5-7'	Soil	02/11/2021	02/12/2021
21B0483-04	SB-4 7.5-8.6'	Soil	02/11/2021	02/12/2021
21B0483-05	SB-5 5-7'	Soil	02/11/2021	02/12/2021
21B0483-07	SB-7 5-6'	Soil	02/12/2021	02/12/2021
21B0483-08	SB-8 5-6.6'	Soil	02/12/2021	02/12/2021
21B0483-09	SB-9 8-9.5'	Soil	02/12/2021	02/12/2021
21B0483-10	SB-10 6-8'	Soil	02/11/2021	02/12/2021
21B0483-11	SB-11 2.5-3.3'	Soil	02/12/2021	02/12/2021
21B0483-13	Trip Blank	Water	02/12/2021	02/12/2021

General Notes for York Project (SDG) No.: 21B0483

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

Approved By: 

Date: 02/19/2021

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB-1 5-7' **York Sample ID:** 21B0483-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 10:45 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	02/15/2021 23:45	LM
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/15/2021 23:45	LM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/15/2021 23:45	LM

Sample Information

Client Sample ID: SB-1 5-7' **York Sample ID:** 21B0483-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 10:45 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
591-78-6	2-Hexanone	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
67-64-1	Acetone	ND		ug/kg dry	8.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
107-13-1	Acrylonitrile	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
71-43-2	Benzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
108-86-1	Bromobenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
74-97-5	Bromochloromethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
75-25-2	Bromoform	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
74-83-9	Bromomethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
75-15-0	Carbon disulfide	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
75-00-3	Chloroethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
67-66-3	Chloroform	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
74-87-3	Chloromethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM
74-95-3	Dibromomethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 23:45	LM

Sample Information

Client Sample ID: SB-1 5-7' **York Sample ID:** 21B0483-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 10:45 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	02/15/2021 12:30	02/15/2021 23:45	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
75-09-2	**Methylene chloride**	**26**	CCV-A	ug/kg dry	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
91-20-3	Naphthalene	ND		ug/kg dry	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
95-47-6	o-Xylene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
100-42-5	Styrene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
109-99-9	Tetrahydrofuran	ND		ug/kg dry	8.0	1	EPA 8260C Certifications:	02/15/2021 12:30	02/15/2021 23:45	LM
108-88-3	Toluene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications:	02/15/2021 12:30	02/15/2021 23:45	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM

Sample Information

Client Sample ID: SB-1 5-7' **York Sample ID:** 21B0483-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 10:45 am	02/12/2021

Volatile Organics, CT RCP List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/15/2021 23:45	LM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.1 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.7 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*70-130*

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**	**4.14**		mg/kg dry	0.563	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 21:09	02/18/2021 13:48	WJM

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	02/15/2021 08:35	02/15/2021 15:34	OT

Sample Information

Client Sample ID: SB-2 5-6' **York Sample ID:** 21B0483-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:10 pm	02/12/2021

Volatile Organics, CT RCP List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 00:11	LM
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 00:11	LM

Sample Information

Client Sample ID: SB-2 5-6' **York Sample ID:** 21B0483-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:10 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 00:11	LM
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 00:11	LM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 00:11	LM
78-93-3	2-Butanone	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
591-78-6	2-Hexanone	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM

Sample Information

Client Sample ID: SB-2 5-6' **York Sample ID:** 21B0483-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:10 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
67-64-1	**Acetone**	**28**	ICV-E20	ug/kg dry	11	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
107-13-1	Acrylonitrile	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
71-43-2	Benzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
108-86-1	Bromobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
74-97-5	Bromochloromethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
75-25-2	Bromoform	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
74-83-9	Bromomethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
75-15-0	Carbon disulfide	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
75-00-3	Chloroethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
67-66-3	Chloroform	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
74-87-3	Chloromethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
74-95-3	Dibromomethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM

Sample Information

Client Sample ID: SB-2 5-6' **York Sample ID:** 21B0483-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:10 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
80-62-6	Methyl Methacrylate	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 00:11	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
75-09-2	**Methylene chloride**	**40**	CCV-A	ug/kg dry	11	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
91-20-3	Naphthalene	ND		ug/kg dry	11	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
95-47-6	o-Xylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
100-42-5	Styrene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
109-99-9	Tetrahydrofuran	ND		ug/kg dry	11	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:11	LM
108-88-3	Toluene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:11	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:11	LM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.1 %*	*70-130*

Sample Information

Client Sample ID: SB-2 5-6' **York Sample ID:** 21B0483-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:10 pm	02/12/2021

Volatile Organics, CT RCP List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*			*70-130*					
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*70-130*					

Semi-Volatiles, CT RCP PAH List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/17/2021 07:09	02/17/2021 21:51	KH
83-32-9	Acenaphthene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
120-12-7	Anthracene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
218-01-9	Chrysene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
206-44-0	Fluoranthene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
86-73-7	Fluorene	ND		ug/kg dry	558	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
91-20-3	Naphthalene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/17/2021 07:09	02/17/2021 21:51	KH
85-01-8	Phenanthrene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH
129-00-0	Pyrene	ND		ug/kg dry	558	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 21:51	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.4 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*	*30-130*

Sample Information

Client Sample ID: SB-2 5-6' **York Sample ID:** 21B0483-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:10 pm	02/12/2021

Semi-Volatiles, CT RCP PAH List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.8 %*		*30-130*						

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	43.8	1	CT DEP ETPH Certifications: CTDOH	02/16/2021 07:22	02/18/2021 02:52	SGM
	Surrogate Recoveries	**Result**		**Acceptance Range**						
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*77.1 %*		*50-150*						

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**	**87.0**		%	0.100	1	SM 2540G Certifications: CTDOH	02/15/2021 08:35	02/15/2021 15:34	OT

Sample Information

Client Sample ID: SB-3 5-7' **York Sample ID:** 21B0483-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:30 pm	02/12/2021

Volatile Organics, CT RCP List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 00:37	LM
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 00:37	LM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 00:37	LM
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	02/15/2021 12:30	02/16/2021 00:37	LM
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 00:37	LM

Sample Information

Client Sample ID: SB-3 5-7' **York Sample ID:** 21B0483-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:30 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM NELAC-NY10854,NJDEP,NELAC-NY12058
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM NELAC-NY10854,NJDEP,NELAC-NY12058
78-93-3	2-Butanone	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP
67-64-1	Acetone	ND		ug/kg dry	8.9	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 00:37	LM CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: SB-3 5-7' **York Sample ID:** 21B0483-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:30 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
71-43-2	Benzene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
108-86-1	Bromobenzene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
74-97-5	Bromochloromethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
75-25-2	Bromoform	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
74-83-9	Bromomethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
75-15-0	Carbon disulfide	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
75-00-3	Chloroethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
67-66-3	Chloroform	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
74-87-3	Chloromethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
74-95-3	Dibromomethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 00:37	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 00:37	LM

Sample Information

Client Sample ID: SB-3 5-7' **York Sample ID:** 21B0483-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:30 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	**Methylene chloride**	**32**	CCV-A	ug/kg dry	8.9	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
91-20-3	Naphthalene	ND		ug/kg dry	8.9	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
95-47-6	o-Xylene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.9	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
100-42-5	Styrene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
109-99-9	Tetrahydrofuran	ND		ug/kg dry	8.9	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:			
108-88-3	Toluene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:			
79-01-6	Trichloroethylene	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 00:37	LM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*70-130*

Semi-Volatiles, CT RCP PAH List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-3 5-7' **York Sample ID:** 21B0483-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:30 pm	02/12/2021

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/17/2021 07:09	02/17/2021 22:22	KH
83-32-9	Acenaphthene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
120-12-7	Anthracene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
218-01-9	Chrysene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
206-44-0	Fluoranthene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
86-73-7	Fluorene	ND		ug/kg dry	499	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
91-20-3	Naphthalene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/17/2021 07:09	02/17/2021 22:22	KH
85-01-8	Phenanthrene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH
129-00-0	Pyrene	ND		ug/kg dry	499	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:22	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.4 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.4 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.4 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	39.4	1	CT DEP ETPH Certifications: CTDOH	02/16/2021 07:22	02/18/2021 03:30	SGM

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-3 5-7' **York Sample ID:** 21B0483-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:30 pm	02/12/2021

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*56.0 %*			*50-150*					

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**	**96.8**		%	0.100	1	SM 2540G Certifications: CTDOH	02/15/2021 08:35	02/15/2021 15:34	OT

Sample Information

Client Sample ID: SB-4 7.5-8.6' **York Sample ID:** 21B0483-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 1:00 pm	02/12/2021

Volatile Organics, CT RCP List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 01:03	LM
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 01:03	LM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 01:03	LM
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	02/15/2021 12:30	02/16/2021 01:03	LM
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 01:03	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 01:03	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 01:03	LM
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 01:03	LM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 01:03	LM
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	02/15/2021 12:30	02/16/2021 01:03	LM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 01:03	LM

Sample Information

Client Sample ID: SB-4 7.5-8.6'

York Sample ID: 21B0483-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 1:00 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 NELAC-NY10854,NJDEP,NELAC-NY12058	LM
78-93-3	2-Butanone	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
591-78-6	2-Hexanone	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
67-64-1	Acetone	ND		ug/kg dry	8.7	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
107-13-1	Acrylonitrile	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
71-43-2	Benzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
108-86-1	Bromobenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
74-97-5	Bromochloromethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
75-25-2	Bromoform	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM

Sample Information

Client Sample ID: SB-4 7.5-8.6' **York Sample ID:** 21B0483-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 1:00 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
75-15-0	Carbon disulfide	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
75-00-3	Chloroethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
67-66-3	Chloroform	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
74-87-3	Chloromethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
74-95-3	Dibromomethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 01:03	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
75-09-2	**Methylene chloride**	**27**	CCV-A	ug/kg dry	8.7	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
91-20-3	Naphthalene	ND		ug/kg dry	8.7	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
95-47-6	o-Xylene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.7	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 01:03	LM

Sample Information

Client Sample ID: SB-4 7.5-8.6' **York Sample ID:** 21B0483-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 1:00 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
100-42-5	Styrene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
109-99-9	Tetrahydrofuran	ND		ug/kg dry	8.7	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03	LM
108-88-3	Toluene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:03	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:03	LM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*70-130*

Semi-Volatiles, CT RCP PAH List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	569	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP	02/17/2021 22:54	KH
83-32-9	Acenaphthene	ND		ug/kg dry	569	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 22:54	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	569	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 22:54	KH
120-12-7	Anthracene	ND		ug/kg dry	569	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 22:54	KH

Sample Information

Client Sample ID: SB-4 7.5-8.6' **York Sample ID:** 21B0483-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 1:00 pm	02/12/2021

Semi-Volatiles, CT RCP PAH List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	569	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:54	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	569	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:54	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	569	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:54	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	569	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:54	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	569	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:54	KH
218-01-9	Chrysene	ND		ug/kg dry	569	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:54	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	569	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:54	KH
206-44-0	Fluoranthene	ND		ug/kg dry	569	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:54	KH
86-73-7	Fluorene	ND		ug/kg dry	569	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:54	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	569	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:54	KH
91-20-3	Naphthalene	ND		ug/kg dry	569	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/17/2021 07:09	02/17/2021 22:54	KH
85-01-8	Phenanthrene	ND		ug/kg dry	569	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:54	KH
129-00-0	Pyrene	ND		ug/kg dry	569	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 22:54	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.6 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.9 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.0 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	44.0	1	CT DEP ETPH Certifications: CTDOH	02/16/2021 07:22	02/18/2021 04:09	SGM

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*93.1 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-4 7.5-8.6' **York Sample ID:** 21B0483-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 1:00 pm	02/12/2021

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**	**86.6**		%	0.100	1	SM 2540G	02/15/2021 08:35	02/15/2021 15:34	OT
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB-5 5-7' **York Sample ID:** 21B0483-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 1:20 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.5	1	EPA 8260C	02/15/2021 12:30	02/16/2021 01:30	LM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP			

Sample Information

Client Sample ID: SB-5 5-7' **York Sample ID:** 21B0483-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 1:20 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 01:30	LM
78-93-3	2-Butanone	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
591-78-6	2-Hexanone	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
67-64-1	Acetone	ND		ug/kg dry	11	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
107-13-1	Acrylonitrile	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
71-43-2	Benzene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
108-86-1	Bromobenzene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
74-97-5	Bromochloromethane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
75-25-2	Bromoform	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
74-83-9	Bromomethane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
75-15-0	Carbon disulfide	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM

Sample Information

Client Sample ID: SB-5 5-7'

York Sample ID: 21B0483-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 1:20 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
67-66-3	Chloroform	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
74-87-3	Chloromethane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
74-95-3	Dibromomethane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
80-62-6	Methyl Methacrylate	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 01:30	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
75-09-2	**Methylene chloride**	**40**	CCV-A	ug/kg dry	11	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
91-20-3	Naphthalene	ND		ug/kg dry	11	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
95-47-6	o-Xylene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
100-42-5	Styrene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM

Sample Information

Client Sample ID: SB-5 5-7' **York Sample ID:** 21B0483-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 1:20 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
109-99-9	Tetrahydrofuran	ND		ug/kg dry	11	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:30	LM
108-88-3	Toluene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:30	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.5	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:30	LM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*70-130*

Semi-Volatiles, CT RCP PAH List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	577	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP	02/17/2021 23:25	KH
83-32-9	Acenaphthene	ND		ug/kg dry	577	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 23:25	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	577	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 23:25	KH
120-12-7	Anthracene	ND		ug/kg dry	577	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 23:25	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	577	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 23:25	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	577	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 23:25	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	577	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 23:25	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	577	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 23:25	KH

Sample Information

Client Sample ID: SB-5 5-7' **York Sample ID:** 21B0483-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 1:20 pm	02/12/2021

Semi-Volatiles, CT RCP PAH List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	577	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:25	KH
218-01-9	Chrysene	ND		ug/kg dry	577	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:25	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	577	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:25	KH
206-44-0	Fluoranthene	ND		ug/kg dry	577	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:25	KH
86-73-7	Fluorene	ND		ug/kg dry	577	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:25	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	577	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:25	KH
91-20-3	Naphthalene	ND		ug/kg dry	577	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/17/2021 07:09	02/17/2021 23:25	KH
85-01-8	Phenanthrene	ND		ug/kg dry	577	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:25	KH
129-00-0	Pyrene	ND		ug/kg dry	577	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:25	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.5 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.5 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*92.1 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	45.1	1	CT DEP ETPH Certifications: CTDOH	02/16/2021 07:22	02/18/2021 04:46	SGM

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*67.9 %*	*50-150*

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**	**84.5**		%	0.100	1	SM 2540G Certifications: CTDOH	02/15/2021 08:35	02/15/2021 15:34	OT

Sample Information

Client Sample ID: SB-7 5-6'

York Sample ID: 21B0483-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 10:40 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 01:56	LM
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 01:56	LM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 01:56	LM
78-93-3	2-Butanone	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM

Sample Information

Client Sample ID: SB-7 5-6' **York Sample ID:** 21B0483-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 10:40 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
591-78-6	2-Hexanone	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
67-64-1	Acetone	ND		ug/kg dry	8.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
107-13-1	Acrylonitrile	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
71-43-2	Benzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
108-86-1	Bromobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
74-97-5	Bromochloromethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
75-25-2	Bromoform	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
74-83-9	Bromomethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
75-15-0	Carbon disulfide	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
75-00-3	Chloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
67-66-3	Chloroform	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
74-87-3	Chloromethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
74-95-3	Dibromomethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM

Sample Information

Client Sample ID: SB-7 5-6' **York Sample ID:** 21B0483-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 10:40 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 01:56	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
75-09-2	**Methylene chloride**	**27**	CCV-A	ug/kg dry	8.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
91-20-3	Naphthalene	ND		ug/kg dry	8.8	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
95-47-6	o-Xylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
100-42-5	Styrene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
109-99-9	Tetrahydrofuran	ND		ug/kg dry	8.8	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:56	LM
108-88-3	Toluene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 01:56	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 01:56	LM

Sample Information

Client Sample ID: SB-7 5-6' **York Sample ID:** 21B0483-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 10:40 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 01:56	LM

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 *Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.8 %*	*70-130*
2037-26-5 *Surrogate: SURR: Toluene-d8*	*99.9 %*	*70-130*
460-00-4 *Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*70-130*

Semi-Volatiles, CT RCP PAH List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/17/2021 07:09	02/17/2021 23:57	KH
83-32-9	Acenaphthene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
120-12-7	Anthracene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
218-01-9	Chrysene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
206-44-0	Fluoranthene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
86-73-7	Fluorene	ND		ug/kg dry	555	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH
91-20-3	Naphthalene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/17/2021 07:09	02/17/2021 23:57	KH
85-01-8	Phenanthrene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH

Sample Information

Client Sample ID: SB-7 5-6' **York Sample ID:** 21B0483-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 10:40 am	02/12/2021

Semi-Volatiles, CT RCP PAH List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/kg dry	555	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/17/2021 23:57	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.0 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.1 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*97.9 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	43.1	1	CT DEP ETPH Certifications: CTDOH	02/16/2021 07:22	02/18/2021 05:25	SGM

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*57.0 %*	*50-150*

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**	**88.4**		%	0.100	1	SM 2540G Certifications: CTDOH	02/15/2021 08:35	02/15/2021 15:34	OT

Sample Information

Client Sample ID: SB-8 5-6.6' **York Sample ID:** 21B0483-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 11:50 am	02/12/2021

Volatile Organics, CT RCP List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM

Sample Information

Client Sample ID: SB-8 5-6.6'

York Sample ID: 21B0483-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 11:50 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to 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	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 02:22	LM
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 02:22	LM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 02:22	LM
78-93-3	2-Butanone	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
591-78-6	2-Hexanone	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:22	LM

Sample Information

Client Sample ID: SB-8 5-6.6' **York Sample ID:** 21B0483-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 11:50 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
67-64-1	Acetone	ND		ug/kg dry	8.9	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
107-13-1	Acrylonitrile	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
71-43-2	Benzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
108-86-1	Bromobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
74-97-5	Bromochloromethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
75-25-2	Bromoform	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
74-83-9	Bromomethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
75-15-0	Carbon disulfide	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
75-00-3	Chloroethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
67-66-3	Chloroform	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
74-87-3	Chloromethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
74-95-3	Dibromomethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	LM

Sample Information

Client Sample ID: SB-8 5-6.6' **York Sample ID:** 21B0483-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 11:50 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	02/15/2021 12:30	02/16/2021 02:22	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
75-09-2	**Methylene chloride**	**29**	CCV-A	ug/kg dry	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
91-20-3	Naphthalene	ND		ug/kg dry	8.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
95-47-6	o-Xylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
100-42-5	Styrene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
109-99-9	Tetrahydrofuran	ND		ug/kg dry	8.9	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22	LM
108-88-3	Toluene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:22	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:22	LM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*70-130*

Sample Information

Client Sample ID: SB-8 5-6.6' **York Sample ID:** 21B0483-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 11:50 am	02/12/2021

Volatile Organics, CT RCP List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*70-130*					

Semi-Volatiles, CT RCP PAH List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP	02/18/2021 00:28	KH
83-32-9	Acenaphthene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
120-12-7	Anthracene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
218-01-9	Chrysene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
206-44-0	Fluoranthene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
86-73-7	Fluorene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
91-20-3	Naphthalene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP	02/18/2021 00:28	KH
85-01-8	Phenanthrene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH
129-00-0	Pyrene	ND		ug/kg dry	540	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 00:28	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.6 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.0 %*	*30-130*

Sample Information

Client Sample ID: SB-8 5-6.6' **York Sample ID:** 21B0483-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 11:50 am	02/12/2021

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	42.2	1	CT DEP ETPH Certifications: CTDOH	02/16/2021 07:22	02/18/2021 06:03	SGM

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*72.1 %*	*50-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.3**		%	0.100	1	SM 2540G Certifications: CTDOH	02/15/2021 08:35	02/15/2021 15:34	OT

Sample Information

Client Sample ID: SB-9 8-9.5' **York Sample ID:** 21B0483-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 11:25 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:48	LM
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:48	LM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:48	LM
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	02/15/2021 12:30	02/16/2021 02:48	LM
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:48	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:48	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:48	LM
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:48	LM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 02:48	LM

Sample Information

Client Sample ID: SB-9 8-9.5' **York Sample ID:** 21B0483-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 11:25 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 02:48	LM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 02:48	LM
78-93-3	2-Butanone	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
591-78-6	2-Hexanone	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
67-64-1	Acetone	ND		ug/kg dry	7.2	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
107-13-1	Acrylonitrile	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
71-43-2	Benzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
108-86-1	Bromobenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
74-97-5	Bromochloromethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM

Sample Information

Client Sample ID: SB-9 8-9.5' **York Sample ID:** 21B0483-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 11:25 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
75-25-2	Bromoform	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
74-83-9	Bromomethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
75-15-0	Carbon disulfide	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
75-00-3	Chloroethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
67-66-3	Chloroform	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
74-87-3	Chloromethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
74-95-3	Dibromomethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
80-62-6	Methyl Methacrylate	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 02:48	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
75-09-2	**Methylene chloride**	**20**	CCV-A	ug/kg dry	7.2	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
91-20-3	Naphthalene	ND		ug/kg dry	7.2	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM

Sample Information

Client Sample ID: SB-9 8-9.5' **York Sample ID:** 21B0483-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 11:25 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.2	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
100-42-5	Styrene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
109-99-9	Tetrahydrofuran	ND		ug/kg dry	7.2	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:48	LM
108-88-3	Toluene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 02:48	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 02:48	LM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*70-130*

Semi-Volatiles, CT RCP PAH List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	541	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP	02/18/2021 01:00	KH
83-32-9	Acenaphthene	ND		ug/kg dry	541	2	EPA 8270D Certifications:	02/17/2021 07:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 01:00	KH

Sample Information

Client Sample ID: SB-9 8-9.5' **York Sample ID:** 21B0483-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 11:25 am	02/12/2021

Semi-Volatiles, CT RCP PAH List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
120-12-7	Anthracene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
218-01-9	Chrysene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
206-44-0	Fluoranthene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
86-73-7	Fluorene	ND		ug/kg dry	541	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
91-20-3	Naphthalene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/17/2021 07:09	02/18/2021 01:00	KH
85-01-8	Phenanthrene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH
129-00-0	Pyrene	ND		ug/kg dry	541	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:00	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.2 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.0 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.9 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	41.4	1	CT DEP ETPH Certifications: CTDOH	02/16/2021 07:22	02/18/2021 06:41	SGM

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*81.9 %*	*50-150*

Sample Information

Client Sample ID: SB-9 8-9.5' **York Sample ID:** 21B0483-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 11:25 am	02/12/2021

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**	**92.0**		%	0.100	1	SM 2540G Certifications: CTDOH	02/15/2021 08:35	02/15/2021 15:34	OT

Sample Information

Client Sample ID: SB-10 6-8' **York Sample ID:** 21B0483-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:10 pm	02/12/2021

Volatile Organics, CT RCP List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:14	LM
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:14	LM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:14	LM
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	02/15/2021 12:30	02/16/2021 03:14	LM
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:14	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:14	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:14	LM
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:14	LM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:14	LM
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058	02/15/2021 12:30	02/16/2021 03:14	LM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:14	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:14	LM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:14	LM
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:14	LM

Sample Information

Client Sample ID: SB-10 6-8'

York Sample ID: 21B0483-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:10 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 03:14	LM
78-93-3	2-Butanone	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
591-78-6	2-Hexanone	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
67-64-1	Acetone	ND		ug/kg dry	9.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
107-13-1	Acrylonitrile	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
71-43-2	Benzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
108-86-1	Bromobenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
74-97-5	Bromochloromethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
75-25-2	Bromoform	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
74-83-9	Bromomethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
75-15-0	Carbon disulfide	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM

Sample Information

Client Sample ID: SB-10 6-8' **York Sample ID:** 21B0483-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:10 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
75-00-3	Chloroethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
67-66-3	Chloroform	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
74-87-3	Chloromethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
74-95-3	Dibromomethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 03:14	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
75-09-2	**Methylene chloride**	**31**	CCV-A	ug/kg dry	9.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
91-20-3	Naphthalene	ND		ug/kg dry	9.6	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
95-47-6	o-Xylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.6	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
100-42-5	Styrene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM

Sample Information

Client Sample ID: SB-10 6-8' **York Sample ID:** 21B0483-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 11, 2021 12:10 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
109-99-9	Tetrahydrofuran	ND		ug/kg dry	9.6	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 03:14	LM
108-88-3	Toluene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 03:14	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.8	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:14	LM

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.8 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*70-130*

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**	**9.38**		mg/kg dry	0.553	1	EPA 6010D Certifications:	02/15/2021 21:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 13:51	WJM

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**	**90.5**		%	0.100	1	SM 2540G Certifications:	02/15/2021 08:35 CTDOH	02/15/2021 15:34	OT

Sample Information

Client Sample ID: SB-11 2.5-3.3'

York Sample ID: 21B0483-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 1:10 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 03:41	LM
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 03:41	LM
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 03:41	LM
78-93-3	**2-Butanone**	**6.6**		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM

Sample Information

Client Sample ID: SB-11 2.5-3.3'

York Sample ID: 21B0483-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 1:10 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
591-78-6	2-Hexanone	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
67-64-1	**Acetone**	**23**	ICV-E20	ug/kg dry	8.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
107-13-1	Acrylonitrile	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
71-43-2	Benzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
108-86-1	Bromobenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
74-97-5	Bromochloromethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
75-25-2	Bromoform	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
74-83-9	Bromomethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
75-15-0	Carbon disulfide	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
108-90-7	Chlorobenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
75-00-3	Chloroethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
67-66-3	Chloroform	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
74-87-3	Chloromethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
74-95-3	Dibromomethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM

Sample Information

Client Sample ID: SB-11 2.5-3.3'

York Sample ID: 21B0483-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 1:10 pm	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
80-62-6	Methyl Methacrylate	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058	02/16/2021 03:41	LM
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
75-09-2	**Methylene chloride**	**25**	CCV-A	ug/kg dry	8.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
91-20-3	Naphthalene	ND		ug/kg dry	8.3	1	EPA 8260C Certifications:	02/15/2021 12:30 NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
95-47-6	o-Xylene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.3	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
100-42-5	Styrene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
109-99-9	Tetrahydrofuran	ND		ug/kg dry	8.3	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 03:41	LM
108-88-3	Toluene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30	02/16/2021 03:41	LM
79-01-6	Trichloroethylene	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.1	1	EPA 8260C Certifications:	02/15/2021 12:30 CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/16/2021 03:41	LM

Sample Information

Client Sample ID: SB-11 2.5-3.3' **York Sample ID:** 21B0483-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 1:10 pm	02/12/2021

Volatile Organics, CT RCP List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY12058,PADEP	02/15/2021 12:30	02/16/2021 03:41	LM

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 *Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*70-130*
2037-26-5 *Surrogate: SURR: Toluene-d8*	*99.4 %*	*70-130*
460-00-4 *Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*70-130*

Semi-Volatiles, CT RCP PAH List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/17/2021 07:09	02/18/2021 01:32	KH
83-32-9	Acenaphthene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
120-12-7	Anthracene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
218-01-9	Chrysene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
206-44-0	Fluoranthene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
86-73-7	Fluorene	ND		ug/kg dry	554	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH
91-20-3	Naphthalene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/17/2021 07:09	02/18/2021 01:32	KH
85-01-8	Phenanthrene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH

Sample Information

Client Sample ID: SB-11 2.5-3.3' **York Sample ID:** 21B0483-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Soil	February 12, 2021 1:10 pm	02/12/2021

Semi-Volatiles, CT RCP PAH List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/kg dry	554	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:09	02/18/2021 01:32	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.2 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.9 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.2 %*	*30-130*

Extractable Total Petroleum Hydrocarbons (ETPH)

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

Sample Prepared by Method: EPA 3546 ETPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	**ETPH (Extractable Total Petroleum Hydrocarbons)**	**77.4**		mg/kg dry	43.5	1	CT DEP ETPH Certifications: CTDOH	02/16/2021 07:22	02/18/2021 07:19	SGM

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*68.1 %*	*50-150*

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	02/15/2021 08:35	02/15/2021 15:34	OT

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 21B0483-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Water	February 12, 2021 12:00 am	02/12/2021

Volatile Organics, CT RCP List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 09:30	02/16/2021 15:32	NRT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 09:30	02/16/2021 15:32	NRT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 09:30	02/16/2021 15:32	NRT

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **21B0483-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Water	February 12, 2021 12:00 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
75-34-3	1,1-Dichloroethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 NELAC-NY10854,NELAC-NY12058,NJDEP	NRT
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
106-93-4	1,2-Dibromoethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
107-06-2	1,2-Dichloroethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
142-28-9	1,3-Dichloropropane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
594-20-7	2,2-Dichloropropane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
78-93-3	2-Butanone	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
95-49-8	2-Chlorotoluene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
591-78-6	2-Hexanone	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT
106-43-4	4-Chlorotoluene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	NRT

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21B0483-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Water	February 12, 2021 12:00 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
67-64-1	Acetone	ND		ug/L	2.0	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
107-13-1	Acrylonitrile	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
71-43-2	Benzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
108-86-1	Bromobenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
74-97-5	Bromochloromethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
75-27-4	Bromodichloromethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
75-25-2	Bromoform	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
74-83-9	Bromomethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
75-15-0	Carbon disulfide	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
67-66-3	Chloroform	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
100-41-4	Ethyl Benzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP
98-82-8	Isopropylbenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **21B0483-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Water	February 12, 2021 12:00 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP	02/16/2021 15:32	NRT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
75-09-2	Methylene chloride	ND		ug/L	2.0	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
91-20-3	Naphthalene	ND		ug/L	2.0	1	EPA 8260C Certifications:	02/16/2021 09:30 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
104-51-8	n-Butylbenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
103-65-1	n-Propylbenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
95-47-6	o-Xylene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 15:32	NRT
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/16/2021 15:32	NRT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
135-98-8	sec-Butylbenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
100-42-5	Styrene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
98-06-6	tert-Butylbenzene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
127-18-4	Tetrachloroethylene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
109-99-9	Tetrahydrofuran	ND		ug/L	4.0	1	EPA 8260C Certifications:	02/16/2021 09:30	02/16/2021 15:32	NRT
108-88-3	Toluene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
79-01-6	Trichloroethylene	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
75-69-4	Trichlorofluoromethane	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT
75-01-4	Vinyl Chloride	ND		ug/L	0.50	1	EPA 8260C Certifications:	02/16/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP,NJDEP	02/16/2021 15:32	NRT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.6 %*	*70-130*

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **21B0483-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0483	2000201 Hamden high Meadows	Water	February 12, 2021 12:00 am	02/12/2021

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*			*70-130*					

Analytical Batch Summary

Batch ID: BB10616 **Preparation Method:** % Solids Prep **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21B0483-01	SB-1 5-7'	02/15/21
21B0483-02	SB-2 5-6'	02/15/21
21B0483-03	SB-3 5-7'	02/15/21
21B0483-04	SB-4 7.5-8.6'	02/15/21
21B0483-05	SB-5 5-7'	02/15/21
21B0483-07	SB-7 5-6'	02/15/21
21B0483-08	SB-8 5-6.6'	02/15/21
21B0483-09	SB-9 8-9.5'	02/15/21
21B0483-10	SB-10 6-8'	02/15/21
21B0483-11	SB-11 2.5-3.3'	02/15/21

Batch ID: BB10620 **Preparation Method:** EPA 5035A **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
21B0483-01	SB-1 5-7'	02/15/21
21B0483-02	SB-2 5-6'	02/15/21
21B0483-03	SB-3 5-7'	02/15/21
21B0483-04	SB-4 7.5-8.6'	02/15/21
21B0483-05	SB-5 5-7'	02/15/21
21B0483-07	SB-7 5-6'	02/15/21
21B0483-08	SB-8 5-6.6'	02/15/21
21B0483-09	SB-9 8-9.5'	02/15/21
21B0483-10	SB-10 6-8'	02/15/21
21B0483-11	SB-11 2.5-3.3'	02/15/21
BB10620-BLK1	Blank	02/15/21
BB10620-BLK2	Blank	02/15/21
BB10620-BS1	LCS	02/15/21
BB10620-BSD1	LCS Dup	02/15/21

Batch ID: BB10675 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21B0483-01	SB-1 5-7'	02/15/21
21B0483-10	SB-10 6-8'	02/15/21
BB10675-BLK1	Blank	02/15/21
BB10675-SRM1	Reference	02/15/21

Batch ID: BB10681 **Preparation Method:** EPA 3546 ETPH **Prepared By:** S_K

YORK Sample ID	Client Sample ID	Preparation Date
21B0483-02	SB-2 5-6'	02/16/21
21B0483-03	SB-3 5-7'	02/16/21
21B0483-04	SB-4 7.5-8.6'	02/16/21
21B0483-05	SB-5 5-7'	02/16/21

21B0483-07	SB-7 5-6'	02/16/21
21B0483-08	SB-8 5-6.6'	02/16/21
21B0483-09	SB-9 8-9.5'	02/16/21
21B0483-11	SB-11 2.5-3.3'	02/16/21
BB10681-BLK1	Blank	02/16/21
BB10681-BS1	LCS	02/16/21

Batch ID: BB10687 **Preparation Method:** EPA 5030B **Prepared By:** NT

YORK Sample ID	Client Sample ID	Preparation Date
21B0483-13	Trip Blank	02/16/21
BB10687-BLK1	Blank	02/16/21
BB10687-BS1	LCS	02/16/21
BB10687-BSD1	LCS Dup	02/16/21

Batch ID: BB10754 **Preparation Method:** EPA 3545A **Prepared By:** S_K

YORK Sample ID	Client Sample ID	Preparation Date
21B0483-02	SB-2 5-6'	02/17/21
21B0483-03	SB-3 5-7'	02/17/21
21B0483-04	SB-4 7.5-8.6'	02/17/21
21B0483-05	SB-5 5-7'	02/17/21
21B0483-07	SB-7 5-6'	02/17/21
21B0483-08	SB-8 5-6.6'	02/17/21
21B0483-09	SB-9 8-9.5'	02/17/21
21B0483-11	SB-11 2.5-3.3'	02/17/21
BB10754-BLK1	Blank	02/17/21
BB10754-BS1	LCS	02/17/21

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10620 - EPA 5035A											
Blank (BB10620-BLK1)											Prepared & Analyzed: 02/15/2021
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10620 - EPA 5035A											
Blank (BB10620-BLK1)									Prepared & Analyzed: 02/15/2021		
Methyl Methacrylate	ND	5.0	ug/kg wet								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Tetrahydrofuran	ND	10	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
trans-1,4-dichloro-2-butene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*ug/L*	*50.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*70-130*				
Blank (BB10620-BLK2)									Prepared & Analyzed: 02/15/2021		
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,1-Dichloropropylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,3-Dichloropropane	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
2,2-Dichloropropane	ND	500	"								
2-Butanone	ND	500	"								
2-Chlorotoluene	ND	500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10620 - EPA 5035A											
Blank (BB10620-BLK2)									Prepared & Analyzed: 02/15/2021		
2-Hexanone	ND	500	ug/kg wet								
4-Chlorotoluene	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								
Bromobenzene	ND	500	"								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl Methacrylate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylene chloride	ND	1000	"								
Naphthalene	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Tetrahydrofuran	ND	1000	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
trans-1,4-dichloro-2-butene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*ug/L*	*50.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10620 - EPA 5035A											
LCS (BB10620-BS1)								Prepared & Analyzed: 02/15/2021			
1,1,1,2-Tetrachloroethane	57.9		ug/L	50.0		116	70-130				
1,1,1-Trichloroethane	58.1		"	50.0		116	70-130				
1,1,2,2-Tetrachloroethane	56.2		"	50.0		112	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63.5		"	50.0		127	70-130				
1,1,2-Trichloroethane	53.9		"	50.0		108	70-130				
1,1-Dichloroethane	56.4		"	50.0		113	70-130				
1,1-Dichloroethylene	61.4		"	50.0		123	70-130				
1,1-Dichloropropylene	58.6		"	50.0		117	70-130				
1,2,3-Trichlorobenzene	51.0		"	50.0		102	70-130				
1,2,3-Trichloropropane	54.4		"	50.0		109	70-130				
1,2,4-Trichlorobenzene	50.4		"	50.0		101	70-130				
1,2,4-Trimethylbenzene	55.8		"	50.0		112	70-130				
1,2-Dibromo-3-chloropropane	51.9		"	50.0		104	70-130				
1,2-Dibromoethane	55.1		"	50.0		110	70-130				
1,2-Dichlorobenzene	52.9		"	50.0		106	70-130				
1,2-Dichloroethane	56.1		"	50.0		112	70-130				
1,2-Dichloropropane	55.2		"	50.0		110	70-130				
1,3,5-Trimethylbenzene	56.2		"	50.0		112	70-130				
1,3-Dichlorobenzene	53.1		"	50.0		106	70-130				
1,3-Dichloropropane	55.8		"	50.0		112	70-130				
1,4-Dichlorobenzene	53.3		"	50.0		107	70-130				
2,2-Dichloropropane	53.8		"	50.0		108	70-130				
2-Butanone	49.0		"	50.0		98.0	70-130				
2-Chlorotoluene	55.7		"	50.0		111	70-130				
2-Hexanone	51.8		"	50.0		104	70-130				
4-Chlorotoluene	54.2		"	50.0		108	70-130				
4-Methyl-2-pentanone	54.4		"	50.0		109	70-130				
Acetone	34.0		"	50.0		68.1	70-130	Low Bias			
Acrylonitrile	54.9		"	50.0		110	70-130				
Benzene	58.2		"	50.0		116	70-130				
Bromobenzene	53.8		"	50.0		108	70-130				
Bromochloromethane	56.4		"	50.0		113	70-130				
Bromodichloromethane	56.9		"	50.0		114	70-130				
Bromoform	51.5		"	50.0		103	70-130				
Bromomethane	63.1		"	50.0		126	70-130				
Carbon disulfide	66.7		"	50.0		133	70-130	High Bias			
Carbon tetrachloride	58.9		"	50.0		118	70-130				
Chlorobenzene	55.4		"	50.0		111	70-130				
Chloroethane	56.7		"	50.0		113	70-130				
Chloroform	56.2		"	50.0		112	70-130				
Chloromethane	57.4		"	50.0		115	70-130				
cis-1,2-Dichloroethylene	55.8		"	50.0		112	70-130				
cis-1,3-Dichloropropylene	55.6		"	50.0		111	70-130				
Dibromochloromethane	53.9		"	50.0		108	70-130				
Dibromomethane	55.1		"	50.0		110	70-130				
Dichlorodifluoromethane	68.9		"	50.0		138	70-130	High Bias			
Ethyl Benzene	58.2		"	50.0		116	70-130				
Hexachlorobutadiene	50.8		"	50.0		102	70-130				
Isopropylbenzene	53.9		"	50.0		108	70-130				
Methyl Methacrylate	56.2		"	50.0		112	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10620 - EPA 5035A											
LCS (BB10620-BS1)							Prepared & Analyzed: 02/15/2021				
Methyl tert-butyl ether (MTBE)	54.5		ug/L	50.0		109	70-130				
Methylene chloride	62.2		"	50.0		124	70-130				
Naphthalene	53.2		"	50.0		106	70-130				
n-Butylbenzene	49.9		"	50.0		99.9	70-130				
n-Propylbenzene	54.9		"	50.0		110	70-130				
o-Xylene	57.6		"	50.0		115	70-130				
p- & m- Xylenes	116		"	100		116	70-130				
p-Isopropyltoluene	55.5		"	50.0		111	70-130				
sec-Butylbenzene	57.5		"	50.0		115	70-130				
Styrene	60.0		"	50.0		120	70-130				
tert-Butylbenzene	53.9		"	50.0		108	70-130				
Tetrachloroethylene	43.2		"	50.0		86.4	70-130				
Tetrahydrofuran	53.6		"	50.0		107	70-130				
Toluene	57.2		"	50.0		114	70-130				
trans-1,2-Dichloroethylene	60.9		"	50.0		122	70-130				
trans-1,3-Dichloropropylene	55.3		"	50.0		111	70-130				
trans-1,4-dichloro-2-butene	54.6		"	50.0		109	70-130				
Trichloroethylene	56.0		"	50.0		112	70-130				
Trichlorofluoromethane	58.8		"	50.0		118	70-130				
Vinyl Chloride	59.1		"	50.0		118	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.0*		*101*	*70-130*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*"*	*50.0*		*98.0*	*70-130*				
LCS Dup (BB10620-BSD1)							Prepared & Analyzed: 02/15/2021				
1,1,1,2-Tetrachloroethane	58.0		ug/L	50.0		116	70-130		0.104	30	
1,1,1-Trichloroethane	58.8		"	50.0		118	70-130		1.25	30	
1,1,2,2-Tetrachloroethane	55.1		"	50.0		110	70-130		1.94	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	65.0		"	50.0		130	70-130		2.32	30	
1,1,2-Trichloroethane	53.2		"	50.0		106	70-130		1.38	30	
1,1-Dichloroethane	56.7		"	50.0		113	70-130		0.424	30	
1,1-Dichloroethylene	62.8		"	50.0		126	70-130		2.29	30	
1,1-Dichloropropylene	59.5		"	50.0		119	70-130		1.54	30	
1,2,3-Trichlorobenzene	50.1		"	50.0		100	70-130		1.84	30	
1,2,3-Trichloropropane	53.3		"	50.0		107	70-130		2.06	30	
1,2,4-Trichlorobenzene	49.9		"	50.0		99.7	70-130		0.998	30	
1,2,4-Trimethylbenzene	57.0		"	50.0		114	70-130		2.09	30	
1,2-Dibromo-3-chloropropane	51.0		"	50.0		102	70-130		1.71	30	
1,2-Dibromoethane	54.3		"	50.0		109	70-130		1.55	30	
1,2-Dichlorobenzene	53.3		"	50.0		107	70-130		0.791	30	
1,2-Dichloroethane	55.8		"	50.0		112	70-130		0.501	30	
1,2-Dichloropropane	55.3		"	50.0		111	70-130		0.235	30	
1,3,5-Trimethylbenzene	57.4		"	50.0		115	70-130		2.08	30	
1,3-Dichlorobenzene	53.4		"	50.0		107	70-130		0.620	30	
1,3-Dichloropropane	54.9		"	50.0		110	70-130		1.46	30	
1,4-Dichlorobenzene	53.7		"	50.0		107	70-130		0.729	30	
2,2-Dichloropropane	54.6		"	50.0		109	70-130		1.53	30	
2-Butanone	47.6		"	50.0		95.1	70-130		2.98	30	
2-Chlorotoluene	56.7		"	50.0		113	70-130		1.83	30	
2-Hexanone	50.0		"	50.0		100	70-130		3.65	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10620 - EPA 5035A											
LCS Dup (BB10620-BSD1)								Prepared & Analyzed: 02/15/2021			
4-Chlorotoluene	54.9		ug/L	50.0		110	70-130		1.38	30	
4-Methyl-2-pentanone	52.1		"	50.0		104	70-130		4.28	30	
Acetone	34.0		"	50.0		67.9	70-130	Low Bias	0.294	30	
Acrylonitrile	54.0		"	50.0		108	70-130		1.78	30	
Benzene	58.8		"	50.0		118	70-130		1.08	30	
Bromobenzene	54.2		"	50.0		108	70-130		0.907	30	
Bromochloromethane	56.0		"	50.0		112	70-130		0.676	30	
Bromodichloromethane	56.8		"	50.0		114	70-130		0.158	30	
Bromoform	50.1		"	50.0		100	70-130		2.82	30	
Bromomethane	63.0		"	50.0		126	70-130		0.174	30	
Carbon disulfide	67.8		"	50.0		136	70-130	High Bias	1.66	30	
Carbon tetrachloride	59.6		"	50.0		119	70-130		1.16	30	
Chlorobenzene	55.7		"	50.0		111	70-130		0.576	30	
Chloroethane	57.3		"	50.0		115	70-130		1.12	30	
Chloroform	56.2		"	50.0		112	70-130		0.0889	30	
Chloromethane	58.0		"	50.0		116	70-130		1.09	30	
cis-1,2-Dichloroethylene	56.3		"	50.0		113	70-130		1.02	30	
cis-1,3-Dichloropropylene	55.5		"	50.0		111	70-130		0.108	30	
Dibromochloromethane	53.4		"	50.0		107	70-130		0.969	30	
Dibromomethane	54.9		"	50.0		110	70-130		0.364	30	
Dichlorodifluoromethane	69.5		"	50.0		139	70-130	High Bias	0.852	30	
Ethyl Benzene	58.9		"	50.0		118	70-130		1.13	30	
Hexachlorobutadiene	52.1		"	50.0		104	70-130		2.53	30	
Isopropylbenzene	55.4		"	50.0		111	70-130		2.65	30	
Methyl Methacrylate	54.5		"	50.0		109	70-130		2.93	30	
Methyl tert-butyl ether (MTBE)	53.5		"	50.0		107	70-130		1.80	30	
Methylene chloride	64.7		"	50.0		129	70-130		3.95	30	
Naphthalene	52.4		"	50.0		105	70-130		1.53	30	
n-Butylbenzene	57.1		"	50.0		114	70-130		13.4	30	
n-Propylbenzene	56.2		"	50.0		112	70-130		2.30	30	
o-Xylene	57.9		"	50.0		116	70-130		0.520	30	
p- & m- Xylenes	117		"	100		117	70-130		1.08	30	
p-Isopropyltoluene	56.8		"	50.0		114	70-130		2.33	30	
sec-Butylbenzene	58.9		"	50.0		118	70-130		2.46	30	
Styrene	60.0		"	50.0		120	70-130		0.100	30	
tert-Butylbenzene	55.4		"	50.0		111	70-130		2.80	30	
Tetrachloroethylene	43.8		"	50.0		87.7	70-130		1.52	30	
Tetrahydrofuran	50.9		"	50.0		102	70-130		5.07	30	
Toluene	57.8		"	50.0		116	70-130		1.22	30	
trans-1,2-Dichloroethylene	61.7		"	50.0		123	70-130		1.35	30	
trans-1,3-Dichloropropylene	54.2		"	50.0		108	70-130		1.99	30	
trans-1,4-dichloro-2-butene	54.2		"	50.0		108	70-130		0.753	30	
Trichloroethylene	57.3		"	50.0		115	70-130		2.21	30	
Trichlorofluoromethane	59.3		"	50.0		119	70-130		0.847	30	
Vinyl Chloride	58.8		"	50.0		118	70-130		0.577	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*99.9*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.7*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10687 - EPA 5030B											
Blank (BB10687-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl Methacrylate	ND	0.50	"								

Prepared & Analyzed: 02/16/2021

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10687 - EPA 5030B											
Blank (BB10687-BLK1)								Prepared & Analyzed: 02/16/2021			
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Tetrahydrofuran	ND	4.0	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.63*		*"*	*10.0*		*96.3*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*70-130*				
LCS (BB10687-BS1)								Prepared & Analyzed: 02/16/2021			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	70-130				
1,1,1-Trichloroethane	2.18		"	10.0		21.8	70-130	Low Bias			
1,1,2,2-Tetrachloroethane	9.97		"	10.0		99.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.8		"	10.0		138	70-130	High Bias			
1,1,2-Trichloroethane	9.73		"	10.0		97.3	70-130				
1,1-Dichloroethane	10.9		"	10.0		109	70-130				
1,1-Dichloroethylene	12.8		"	10.0		128	70-130				
1,1-Dichloropropylene	11.4		"	10.0		114	70-130				
1,2,3-Trichlorobenzene	9.37		"	10.0		93.7	70-130				
1,2,3-Trichloropropane	9.30		"	10.0		93.0	70-130				
1,2,4-Trichlorobenzene	9.81		"	10.0		98.1	70-130				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	70-130				
1,2-Dibromo-3-chloropropane	9.63		"	10.0		96.3	70-130				
1,2-Dibromoethane	10.2		"	10.0		102	70-130				
1,2-Dichlorobenzene	9.94		"	10.0		99.4	70-130				
1,2-Dichloroethane	10.6		"	10.0		106	70-130				
1,2-Dichloropropane	9.91		"	10.0		99.1	70-130				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70-130				
1,3-Dichlorobenzene	9.57		"	10.0		95.7	70-130				
1,3-Dichloropropane	9.90		"	10.0		99.0	70-130				
1,4-Dichlorobenzene	9.87		"	10.0		98.7	70-130				
2,2-Dichloropropane	12.3		"	10.0		123	70-130				
2-Butanone	9.20		"	10.0		92.0	70-130				
2-Chlorotoluene	10.0		"	10.0		100	70-130				
2-Hexanone	9.03		"	10.0		90.3	70-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10687 - EPA 5030B											
LCS (BB10687-BS1)								Prepared & Analyzed: 02/16/2021			
4-Chlorotoluene	9.92		ug/L	10.0		99.2	70-130				
4-Methyl-2-pentanone	9.77		"	10.0		97.7	70-130				
Acetone	6.81		"	10.0		68.1	70-130	Low Bias			
Acrylonitrile	10.7		"	10.0		107	70-130				
Benzene	11.1		"	10.0		111	70-130				
Bromobenzene	9.90		"	10.0		99.0	70-130				
Bromochloromethane	11.2		"	10.0		112	70-130				
Bromodichloromethane	10.3		"	10.0		103	70-130				
Bromoform	10.8		"	10.0		108	70-130				
Bromomethane	11.8		"	10.0		118	70-130				
Carbon disulfide	12.8		"	10.0		128	70-130				
Carbon tetrachloride	11.0		"	10.0		110	70-130				
Chlorobenzene	9.93		"	10.0		99.3	70-130				
Chloroethane	11.1		"	10.0		111	70-130				
Chloroform	10.9		"	10.0		109	70-130				
Chloromethane	10.0		"	10.0		100	70-130				
cis-1,2-Dichloroethylene	11.3		"	10.0		113	70-130				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	70-130				
Dibromochloromethane	10.3		"	10.0		103	70-130				
Dibromomethane	10.0		"	10.0		100	70-130				
Dichlorodifluoromethane	7.22		"	10.0		72.2	70-130				
Ethyl Benzene	10.3		"	10.0		103	70-130				
Hexachlorobutadiene	9.82		"	10.0		98.2	70-130				
Isopropylbenzene	9.56		"	10.0		95.6	70-130				
Methyl Methacrylate	9.98		"	10.0		99.8	70-130				
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	70-130				
Methylene chloride	12.1		"	10.0		121	70-130				
Naphthalene	10.1		"	10.0		101	70-130				
n-Butylbenzene	8.42		"	10.0		84.2	70-130				
n-Propylbenzene	9.42		"	10.0		94.2	70-130				
o-Xylene	10.1		"	10.0		101	70-130				
p- & m- Xylenes	21.1		"	20.0		106	70-130				
p-Isopropyltoluene	9.78		"	10.0		97.8	70-130				
sec-Butylbenzene	10.3		"	10.0		103	70-130				
Styrene	10.7		"	10.0		107	70-130				
tert-Butylbenzene	9.38		"	10.0		93.8	70-130				
Tetrachloroethylene	6.43		"	10.0		64.3	70-130	Low Bias			
Tetrahydrofuran	9.68		"	10.0		96.8	70-130				
Toluene	10.6		"	10.0		106	70-130				
trans-1,2-Dichloroethylene	12.4		"	10.0		124	70-130				
trans-1,3-Dichloropropylene	9.84		"	10.0		98.4	70-130				
trans-1,4-dichloro-2-butene	9.98		"	10.0		99.8	70-130				
Trichloroethylene	10.4		"	10.0		104	70-130				
Trichlorofluoromethane	11.9		"	10.0		119	70-130				
Vinyl Chloride	10.9		"	10.0		109	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.96*		*"*	*10.0*		*99.6*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.48*		*"*	*10.0*		*94.8*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10687 - EPA 5030B											
LCS Dup (BB10687-BSD1)								Prepared & Analyzed: 02/16/2021			
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	70-130		0.991	30	
1,1,1-Trichloroethane	1.98		"	10.0		19.8	70-130	Low Bias	9.62	30	
1,1,2,2-Tetrachloroethane	9.81		"	10.0		98.1	70-130		1.62	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6		"	10.0		126	70-130		9.49	30	
1,1,2-Trichloroethane	9.51		"	10.0		95.1	70-130		2.29	30	
1,1-Dichloroethane	10.3		"	10.0		103	70-130		6.23	30	
1,1-Dichloroethylene	11.6		"	10.0		116	70-130		10.2	30	
1,1-Dichloropropylene	10.4		"	10.0		104	70-130		9.52	30	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	70-130		7.89	30	
1,2,3-Trichloropropane	9.34		"	10.0		93.4	70-130		0.429	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70-130		2.62	30	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	70-130		0.0966	30	
1,2-Dibromo-3-chloropropane	9.88		"	10.0		98.8	70-130		2.56	30	
1,2-Dibromoethane	10.1		"	10.0		101	70-130		1.08	30	
1,2-Dichlorobenzene	9.80		"	10.0		98.0	70-130		1.42	30	
1,2-Dichloroethane	10.2		"	10.0		102	70-130		4.04	30	
1,2-Dichloropropane	9.48		"	10.0		94.8	70-130		4.44	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70-130		0.489	30	
1,3-Dichlorobenzene	9.35		"	10.0		93.5	70-130		2.33	30	
1,3-Dichloropropane	9.77		"	10.0		97.7	70-130		1.32	30	
1,4-Dichlorobenzene	9.40		"	10.0		94.0	70-130		4.88	30	
2,2-Dichloropropane	11.2		"	10.0		112	70-130		9.35	30	
2-Butanone	9.97		"	10.0		99.7	70-130		8.03	30	
2-Chlorotoluene	9.96		"	10.0		99.6	70-130		0.601	30	
2-Hexanone	8.97		"	10.0		89.7	70-130		0.667	30	
4-Chlorotoluene	9.59		"	10.0		95.9	70-130		3.38	30	
4-Methyl-2-pentanone	10.2		"	10.0		102	70-130		3.82	30	
Acetone	6.84		"	10.0		68.4	70-130	Low Bias	0.440	30	
Acrylonitrile	10.2		"	10.0		102	70-130		4.77	30	
Benzene	10.2		"	10.0		102	70-130		8.17	30	
Bromobenzene	9.50		"	10.0		95.0	70-130		4.12	30	
Bromochloromethane	10.4		"	10.0		104	70-130		7.04	30	
Bromodichloromethane	9.92		"	10.0		99.2	70-130		3.95	30	
Bromoform	10.3		"	10.0		103	70-130		3.98	30	
Bromomethane	11.3		"	10.0		113	70-130		4.67	30	
Carbon disulfide	11.9		"	10.0		119	70-130		6.89	30	
Carbon tetrachloride	9.95		"	10.0		99.5	70-130		9.66	30	
Chlorobenzene	9.90		"	10.0		99.0	70-130		0.303	30	
Chloroethane	10.2		"	10.0		102	70-130		8.34	30	
Chloroform	10.4		"	10.0		104	70-130		5.08	30	
Chloromethane	9.75		"	10.0		97.5	70-130		2.93	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	70-130		8.94	30	
cis-1,3-Dichloropropylene	9.75		"	10.0		97.5	70-130		5.29	30	
Dibromochloromethane	9.93		"	10.0		99.3	70-130		3.85	30	
Dibromomethane	9.85		"	10.0		98.5	70-130		1.71	30	
Dichlorodifluoromethane	6.59		"	10.0		65.9	70-130	Low Bias	9.12	30	
Ethyl Benzene	10.0		"	10.0		100	70-130		2.94	30	
Hexachlorobutadiene	10.3		"	10.0		103	70-130		4.67	30	
Isopropylbenzene	9.52		"	10.0		95.2	70-130		0.419	30	
Methyl Methacrylate	9.95		"	10.0		99.5	70-130		0.301	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10687 - EPA 5030B											
LCS Dup (BB10687-BSD1)								Prepared & Analyzed: 02/16/2021			
Methyl tert-butyl ether (MTBE)	10.4		ug/L	10.0		104	70-130		4.62	30	
Methylene chloride	11.6		"	10.0		116	70-130		4.40	30	
Naphthalene	10.2		"	10.0		102	70-130		1.18	30	
n-Butylbenzene	9.30		"	10.0		93.0	70-130		9.93	30	
n-Propylbenzene	9.59		"	10.0		95.9	70-130		1.79	30	
o-Xylene	9.84		"	10.0		98.4	70-130		2.41	30	
p- & m- Xylenes	20.6		"	20.0		103	70-130		2.54	30	
p-Isopropyltoluene	10.3		"	10.0		103	70-130		4.99	30	
sec-Butylbenzene	11.0		"	10.0		110	70-130		6.74	30	
Styrene	10.4		"	10.0		104	70-130		3.13	30	
tert-Butylbenzene	9.76		"	10.0		97.6	70-130		3.97	30	
Tetrachloroethylene	6.10		"	10.0		61.0	70-130	Low Bias	5.27	30	
Tetrahydrofuran	10.4		"	10.0		104	70-130		7.36	30	
Toluene	10.2		"	10.0		102	70-130		3.66	30	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	70-130		10.5	30	
trans-1,3-Dichloropropylene	9.59		"	10.0		95.9	70-130		2.57	30	
trans-1,4-dichloro-2-butene	9.84		"	10.0		98.4	70-130		1.41	30	
Trichloroethylene	9.83		"	10.0		98.3	70-130		5.15	30	
Trichlorofluoromethane	11.0		"	10.0		110	70-130		7.25	30	
Vinyl Chloride	5.40		"	10.0		54.0	70-130	Low Bias	67.6	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10754 - EPA 3545A											
Blank (BB10754-BLK1)									Prepared & Analyzed: 02/17/2021		
2-Methylnaphthalene	ND	249	ug/kg wet								
Acenaphthene	ND	249	"								
Acenaphthylene	ND	249	"								
Anthracene	ND	249	"								
Benzo(a)anthracene	ND	249	"								
Benzo(a)pyrene	ND	249	"								
Benzo(b)fluoranthene	ND	249	"								
Benzo(g,h,i)perylene	ND	249	"								
Benzo(k)fluoranthene	ND	249	"								
Chrysene	ND	249	"								
Dibenzo(a,h)anthracene	ND	249	"								
Fluoranthene	ND	249	"								
Fluorene	ND	249	"								
Indeno(1,2,3-cd)pyrene	ND	249	"								
Naphthalene	ND	249	"								
Phenanthrene	ND	249	"								
Pyrene	ND	249	"								
Surrogate: SURR: Nitrobenzene-d5	*1060*		*"*	*1240*		*85.1*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*933*		*"*	*1240*		*75.0*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*1190*		*"*	*1240*		*95.8*	*30-130*				
LCS (BB10754-BS1)									Prepared & Analyzed: 02/17/2021		
2-Methylnaphthalene	1110	249	ug/kg wet	1240		89.3	40-140				
Acenaphthene	1030	249	"	1240		82.6	40-140				
Acenaphthylene	1010	249	"	1240		81.2	40-140				
Anthracene	1070	249	"	1240		85.8	40-140				
Benzo(a)anthracene	1080	249	"	1240		86.7	40-140				
Benzo(a)pyrene	981	249	"	1240		78.9	40-140				
Benzo(b)fluoranthene	1040	249	"	1240		83.5	40-140				
Benzo(g,h,i)perylene	1100	249	"	1240		88.3	40-140				
Benzo(k)fluoranthene	990	249	"	1240		79.6	40-140				
Chrysene	1050	249	"	1240		84.8	40-140				
Dibenzo(a,h)anthracene	1040	249	"	1240		83.7	40-140				
Fluoranthene	1040	249	"	1240		83.9	40-140				
Fluorene	1010	249	"	1240		80.9	40-140				
Indeno(1,2,3-cd)pyrene	1060	249	"	1240		85.2	40-140				
Naphthalene	1010	249	"	1240		81.0	40-140				
Phenanthrene	1030	249	"	1240		83.1	40-140				
Pyrene	1110	249	"	1240		89.3	40-140				
Surrogate: SURR: Nitrobenzene-d5	*1040*		*"*	*1240*		*83.8*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*954*		*"*	*1240*		*76.7*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*1210*		*"*	*1240*		*97.0*	*30-130*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10681 - EPA 3546 ETPH											
Blank (BB10681-BLK1)									Prepared: 02/16/2021 Analyzed: 02/17/2021		
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	39.6	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*6.05*		*"*	*9.90*		*61.1*	*50-150*				
LCS (BB10681-BS1)									Prepared: 02/16/2021 Analyzed: 02/17/2021		
ETPH (Extractable Total Petroleum Hydrocarbons)	54.5	39.6	mg/kg wet	74.3		73.4	39.8-123				
Surrogate: 1-Chlorooctadecane	*7.86*		*"*	*9.90*		*79.4*	*50-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10675 - EPA 3050B											
Blank (BB10675-BLK1)									Prepared: 02/15/2021 Analyzed: 02/17/2021		
Lead	ND	0.500	mg/kg wet								
Reference (BB10675-SRM1)									Prepared: 02/15/2021 Analyzed: 02/17/2021		
Lead	72.2	0.500	mg/kg wet	77.6		93.0	70-130				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21B0483-01	SB-1 5-7'	40mL Vial with Stir Bar-Cool 4° C
21B0483-02	SB-2 5-6'	40mL Vial with Stir Bar-Cool 4° C
21B0483-03	SB-3 5-7'	40mL Vial with Stir Bar-Cool 4° C
21B0483-04	SB-4 7.5-8.6'	40mL Vial with Stir Bar-Cool 4° C
21B0483-05	SB-5 5-7'	40mL Vial with Stir Bar-Cool 4° C
21B0483-07	SB-7 5-6'	40mL Vial with Stir Bar-Cool 4° C
21B0483-08	SB-8 5-6.6'	40mL Vial with Stir Bar-Cool 4° C
21B0483-09	SB-9 8-9.5'	40mL Vial with Stir Bar-Cool 4° C
21B0483-10	SB-10 6-8'	40mL Vial with Stir Bar-Cool 4° C
21B0483-11	SB-11 2.5-3.3'	40mL Vial with Stir Bar-Cool 4° C
21B0483-13	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
ICV-E20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Field Chain-of-Custody Record

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

YORK Project No. 21B0483

YOUR Information	Report To:	Invoice To:
Company: BL Companies	Company: Same	Company: Same
Address: 355 Research Pkwy Meriden, CT, 06450	Address:	Address:
Phone: 203-630-1406	Phone:	Phone:
Contact: Wes Johnson	Contact: Jordana Langford	Contact:
E-mail: Wjohnson@blcompanies.com	E-mail: Jlangford@blcompanies.com	E-mail:

YOUR Project Number: 2000201

YOUR Project Name: Hamden high Meadows

YOUR PO#:

Turn-Around Time

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

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

Samples Collected by: (print your name above and sign below)
Wesley Johnson
Wesley Johnson

Matrix Codes

S - soil / solid	
GW - groundwater	
DW - drinking water	
WW - wastewater	
O - Oil ⋮ Other	

Samples From

New York	
New Jersey	
Connecticut	X
Pennsylvania	
Other	

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)
RES DEC
GA PMC

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-1 5-7'	S	2/11/21 1045	VOCs, Lead	1J, 3V
SB-2 5-6'	S	1210	VOCs, ETPH, PAHs	2J, 3V
SB-3 5-7'	S	1230	VOCs, ETPH, PAHs	2J, 3V
SB-4 7.5-8.6'	S	1300	VOCs, ETPH, PAHs	2J, 3V
SB-5 5-7'	S	1320	VOCs, ETPH, PAHs	2J, 3V

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Wesley Johnson	2/12/21 1630				
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				TC Mahl	2/12/21 1630 — 1.9 Degrees C

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

Field Chain-of-Custody Record

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

YORK Project No. 21B0483

YOUR Information	Report To:	Invoice To:
Company: BL Companies	Company: Same	Company: Same
Address: 355 Research Pkwy Meriden, CT, 06450	Address:	Address:
Phone: 203-630-1406	Phone:	Phone:
Contact: Wes Johnson	Contact: Jordana Langford	Contact:
E-mail: WJohnson@blcompanies.com	E-mail: JLangford@blcompanies.com	E-mail:

YOUR Project Number: 2000201

YOUR Project Name: Hamden High Meadows

YOUR PO#:

Turn-Around Time

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

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

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

Wesley Johnson

Wesley Johnson

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York	
New Jersey	
Connecticut	X
Pennsylvania	
Other	

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Res DEC
GA PMC

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB-6 1.2-2.4'	S	2/12/21 9:20	Hold	2J, 3V
SB-7 5-6'		10:40	VOCs, ETPH, PAHs	2J, 3V
SB-8 5-6.6'		11:50	VOCs, ETPH, PAHs	2J, 3V
SB-9 8-9.5'		11:25	VOCs, ETPH, PAHs	2J, 3V
SB-10 6-8'		12:10	VOCs, lead	1J, 3V
SB-11 2.5-3.3'		13:10	VOCs, ETPH, PAHs	2J, 3V
SB-11 7-8'		13:20	Hold	2J, 3V
Trip Blank	S	2/12/21 —	VOCs	2V

Comments:

Preservation: (check all that apply)

HCl ___ MeOH ✓ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Wesley Johnson	2/12/21 1630				
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				TC Mahle	2/12/21 1630

Temp. Received at Lab: 1.9 Degrees C

Technical Report

prepared for:

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Jordana Langford

Report Date: 02/23/2021
Client Project ID: 2000201 Hamden High Meadows
York Project (SDG) No.: 21B0590

Report Date: 02/23/2021
Client Project ID: 2000201 Hamden High Meadows
York Project (SDG) No.: 21B0590

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Jordana Langford

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 16, 2021 and listed below. The project was identified as your project: **2000201 Hamden High Meadows**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21B0590-01	B-2	Water	02/16/2021	02/16/2021
21B0590-02	B-9	Water	02/16/2021	02/16/2021
21B0590-03	Trip Blank	Water	02/16/2021	02/16/2021

General Notes for York Project (SDG) No.: 21B0590

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

Approved By: 

Date: 02/23/2021

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: B-2 **York Sample ID:** 21B0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0590	2000201 Hamden High Meadows	Water	February 16, 2021 10:40 am	02/16/2021

VOA, 8260 Low CT RCP Aromatics List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C Certifications:	02/17/2021 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/17/2021 14:05	NRT
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/17/2021 14:05	NRT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:05	NRT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.4 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*70-130*

Semi-volatiles, CT RCP PAH List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: B-2 **York Sample ID:** 21B0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0590	2000201 Hamden High Meadows	Water	February 16, 2021 10:40 am	02/16/2021

Semi-volatiles, CT RCP PAH List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 12:33	cd

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.5 %*	*30-130*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.7 %*	*30-130*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.9 %*	*30-130*

Semi-volatiles, CT RCP PAH List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
86-73-7	Fluorene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
91-20-3	Naphthalene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/22/2021 13:43	02/23/2021 11:24	CD

Sample Information

Client Sample ID: B-2 **York Sample ID:** 21B0590-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0590	2000201 Hamden High Meadows	Water	February 16, 2021 10:40 am	02/16/2021

Extractable Total Petroleum Hydrocarbons (ETPH) **Log-in Notes:** **Sample Notes:** EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	*** ETPH (Extractable Total Petroleum Hydrocarbons)**	**0.204**		mg/L	0.0789	1	CT DEP ETPH Certifications: CTDOH	02/19/2021 15:59	02/22/2021 22:15	SGM

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*72.1 %*	*30-140*

Sample Information

Client Sample ID: B-9 **York Sample ID:** 21B0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0590	2000201 Hamden High Meadows	Water	February 16, 2021 11:58 am	02/16/2021

VOA, 8260 Low CT RCP Aromatics List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:32	NRT

Sample Information

Client Sample ID: B-9 **York Sample ID:** 21B0590-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0590	2000201 Hamden High Meadows	Water	February 16, 2021 11:58 am	02/16/2021

VOA, 8260 Low CT RCP Aromatics List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C	02/17/2021 09:30	02/17/2021 14:32	NRT
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C	02/17/2021 09:30	02/17/2021 14:32	NRT
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C	02/17/2021 09:30	02/17/2021 14:32	NRT
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*70-130*

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**0.00588**		mg/L	0.00556	1	EPA 6010D	02/17/2021 09:08	02/19/2021 14:16	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 21B0590-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0590	2000201 Hamden High Meadows	Water	February 16, 2021 12:00 am	02/16/2021

VOA, 8260 Low CT RCP Aromatics List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	02/17/2021 09:30	02/17/2021 14:58	NRT
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	1	EPA 8260C	02/17/2021 09:30	02/17/2021 14:58	NRT
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.500	1	EPA 8260C	02/17/2021 09:30	02/17/2021 14:58	NRT
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.500	1	EPA 8260C	02/17/2021 09:30	02/17/2021 14:58	NRT
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.500	1	EPA 8260C	02/17/2021 09:30	02/17/2021 14:58	NRT
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **21B0590-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21B0590	2000201 Hamden High Meadows	Water	February 16, 2021 12:00 am	02/16/2021

VOA, 8260 Low CT RCP Aromatics List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:58	NRT
91-20-3	Naphthalene	ND		ug/L	2.00	1	EPA 8260C Certifications:	02/17/2021 09:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:58	NRT
104-51-8	n-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:58	NRT
103-65-1	n-Propylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:58	NRT
95-47-6	o-Xylene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/17/2021 14:58	NRT
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	02/17/2021 14:58	NRT
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:58	NRT
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:58	NRT
100-42-5	Styrene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:58	NRT
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:58	NRT
108-88-3	Toluene	ND		ug/L	0.500	1	EPA 8260C Certifications:	02/17/2021 09:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 14:58	NRT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.4 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*70-130*

Analytical Batch Summary

Batch ID: BB10762 **Preparation Method:** EPA 5030B **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
21B0590-01	B-2	02/17/21
21B0590-02	B-9	02/17/21
21B0590-03	Trip Blank	02/17/21
BB10762-BLK1	Blank	02/17/21
BB10762-BS1	LCS	02/17/21
BB10762-BSD1	LCS Dup	02/17/21

Batch ID: BB10769 **Preparation Method:** EPA 3015A **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21B0590-02	B-9	02/17/21
BB10769-BLK1	Blank	02/17/21
BB10769-BS1	LCS	02/17/21
BB10769-DUP1	Duplicate	02/17/21
BB10769-MS1	Matrix Spike	02/17/21
BB10769-PS1	Post Spike	02/17/21

Batch ID: BB10928 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
21B0590-01	B-2	02/19/21
BB10928-BLK1	Blank	02/19/21
BB10928-BS1	LCS	02/19/21
BB10928-BSD1	LCS Dup	02/19/21

Batch ID: BB10994 **Preparation Method:** EPA 3510C **Prepared By:** GO

YORK Sample ID	Client Sample ID	Preparation Date
21B0590-01	B-2	02/22/21
BB10994-BLK1	Blank	02/22/21
BB10994-BLK2	Blank	02/22/21
BB10994-BS1	LCS	02/22/21
BB10994-BS2	LCS	02/22/21
BB10994-BSD1	LCS Dup	02/22/21

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10762 - EPA 5030B											
Blank (BB10762-BLK1)									Prepared & Analyzed: 02/17/2021		
1,2,4-Trimethylbenzene	ND	0.500	ug/L								
1,3,5-Trimethylbenzene	ND	0.500	"								
Benzene	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Toluene	ND	0.500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*70-130*				
LCS (BB10762-BS1)									Prepared & Analyzed: 02/17/2021		
1,2,4-Trimethylbenzene	9.76		ug/L	10.0		97.6	70-130				
1,3,5-Trimethylbenzene	9.85		"	10.0		98.5	70-130				
Benzene	10.5		"	10.0		105	70-130				
Ethyl Benzene	10.1		"	10.0		101	70-130				
Isopropylbenzene	9.67		"	10.0		96.7	70-130				
Methyl tert-butyl ether (MTBE)	9.79		"	10.0		97.9	70-130				
Naphthalene	9.96		"	10.0		99.6	70-130				
n-Butylbenzene	9.64		"	10.0		96.4	70-130				
n-Propylbenzene	9.79		"	10.0		97.9	70-130				
o-Xylene	9.88		"	10.0		98.8	70-130				
p- & m- Xylenes	20.2		"	20.0		101	70-130				
p-Isopropyltoluene	9.82		"	10.0		98.2	70-130				
sec-Butylbenzene	10.2		"	10.0		102	70-130				
Styrene	10.3		"	10.0		103	70-130				
tert-Butylbenzene	8.78		"	10.0		87.8	70-130				
Toluene	10.1		"	10.0		101	70-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*70-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10762 - EPA 5030B											
LCS Dup (BB10762-BSD1)								Prepared & Analyzed: 02/17/2021			
1,2,4-Trimethylbenzene	9.94		ug/L	10.0		99.4	70-130		1.83	30	
1,3,5-Trimethylbenzene	9.93		"	10.0		99.3	70-130		0.809	30	
Benzene	10.5		"	10.0		105	70-130		0.762	30	
Ethyl Benzene	9.94		"	10.0		99.4	70-130		1.20	30	
Isopropylbenzene	9.55		"	10.0		95.5	70-130		1.25	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	70-130		5.27	30	
Naphthalene	10.3		"	10.0		103	70-130		2.97	30	
n-Butylbenzene	10.3		"	10.0		103	70-130		6.33	30	
n-Propylbenzene	9.76		"	10.0		97.6	70-130		0.307	30	
o-Xylene	9.86		"	10.0		98.6	70-130		0.203	30	
p- & m- Xylenes	19.9		"	20.0		99.6	70-130		1.44	30	
p-Isopropyltoluene	10.1		"	10.0		101	70-130		2.91	30	
sec-Butylbenzene	10.3		"	10.0		103	70-130		1.07	30	
Styrene	10.4		"	10.0		104	70-130		0.873	30	
tert-Butylbenzene	8.84		"	10.0		88.4	70-130		0.681	30	
Toluene	9.97		"	10.0		99.7	70-130		0.998	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*70-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10994 - EPA 3510C											
Blank (BB10994-BLK1)									Prepared: 02/22/2021 Analyzed: 02/23/2021		
2-Methylnaphthalene	ND	5.00	ug/L								
Surrogate: SURR: Nitrobenzene-d5	*11.9*		*"*	*25.0*		*47.8*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.2*		*"*	*25.0*		*44.9*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*20.1*		*"*	*25.0*		*80.4*	*30-130*				
Blank (BB10994-BLK2)									Prepared: 02/22/2021 Analyzed: 02/23/2021		
2-Methylnaphthalene	ND	5.00	ug/L								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Phenanthrene	ND	0.0500	"								
Pyrene	0.0600	0.0500	"								
Surrogate: SURR: Nitrobenzene-d5	*0.00*		*"*	*25.0*			*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		*"*	*25.0*			*30-130*				
Surrogate: SURR: Terphenyl-d14	*0.00*		*"*	*25.0*			*30-130*				
LCS (BB10994-BS1)									Prepared: 02/22/2021 Analyzed: 02/23/2021		
1,2,4,5-Tetrachlorobenzene	14.3	5.00	ug/L	25.0		57.3	40-140				
1,2,4-Trichlorobenzene	13.7	5.00	"	25.0		54.9	40-140				
2,4,5-Trichlorophenol	16.9	5.00	"	25.0		67.7	30-130				
2,4,6-Trichlorophenol	16.2	5.00	"	25.0		65.0	30-130				
2,4-Dichlorophenol	15.9	5.00	"	25.0		63.5	30-130				
2,4-Dimethylphenol	15.3	5.00	"	25.0		61.1	30-130				
2,4-Dinitrophenol	26.1	5.00	"	25.0		104	30-130				
2,4-Dinitrotoluene	18.9	5.00	"	25.0		75.5	40-140				
2,6-Dinitrotoluene	17.9	5.00	"	25.0		71.6	40-140				
2-Chloronaphthalene	13.8	5.00	"	25.0		55.0	40-140				
2-Methylnaphthalene	16.3	5.00	"	25.0		65.3	40-140				
Surrogate: SURR: Nitrobenzene-d5	*15.1*		*"*	*25.0*		*60.3*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.2*		*"*	*25.0*		*56.7*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*24.8*		*"*	*25.0*		*99.0*	*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10994 - EPA 3510C											
LCS (BB10994-BS2)								Prepared: 02/22/2021 Analyzed: 02/23/2021			
1,2,4,5-Tetrachlorobenzene	ND	5.00	ug/L				40-140				
1,2,4-Trichlorobenzene	ND	5.00	"	1.00			40-140	Low Bias			
2,4,5-Trichlorophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4,6-Trichlorophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4-Dichlorophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4-Dimethylphenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4-Dinitrophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4-Dinitrotoluene	ND	5.00	"	1.00			40-140	Low Bias			
2,6-Dinitrotoluene	ND	5.00	"	1.00			40-140	Low Bias			
2-Chloronaphthalene	ND	5.00	"	1.00			40-140	Low Bias			
2-Methylnaphthalene	ND	5.00	"	1.00			40-140	Low Bias			
Acenaphthene	0.620	0.0500	"	1.00		62.0	40-140				
Acenaphthylene	0.610	0.0500	"	1.00		61.0	40-140				
Anthracene	0.700	0.0500	"	1.00		70.0	40-140				
Benzo(a)anthracene	0.740	0.0500	"	1.00		74.0	40-140				
Benzo(a)pyrene	0.720	0.0500	"	1.00		72.0	40-140				
Benzo(b)fluoranthene	0.780	0.0500	"	1.00		78.0	40-140				
Benzo(g,h,i)perylene	0.840	0.0500	"	1.00		84.0	40-140				
Benzo(k)fluoranthene	0.740	0.0500	"	1.00		74.0	40-140				
Chrysene	0.810	0.0500	"	1.00		81.0	40-140				
Dibenzo(a,h)anthracene	0.780	0.0500	"	1.00		78.0	40-140				
Fluoranthene	0.800	0.0500	"	1.00		80.0	40-140				
Fluorene	0.650	0.0500	"	1.00		65.0	40-140				
Indeno(1,2,3-cd)pyrene	0.780	0.0500	"	1.00		78.0	40-140				
Naphthalene	0.680	0.0500	"	1.00		68.0	40-140				
Phenanthrene	0.720	0.0500	"	1.00		72.0	40-140				
Pyrene	0.700	0.0500	"	1.00		70.0	40-140				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		"	*25.0*			*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		"	*25.0*			*30-130*				
Surrogate: SURR: Terphenyl-d14	*0.00*		"	*25.0*			*30-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10994 - EPA 3510C											
LCS Dup (BB10994-BSD1)									Prepared: 02/22/2021 Analyzed: 02/23/2021		
1,2,4,5-Tetrachlorobenzene	13.9	5.00	ug/L	25.0		55.5	40-140		3.26	20	
1,2,4-Trichlorobenzene	13.5	5.00	"	25.0		54.1	40-140		1.39	20	
2,4,5-Trichlorophenol	16.8	5.00	"	25.0		67.2	30-130		0.712	20	
2,4,6-Trichlorophenol	15.8	5.00	"	25.0		63.2	30-130		2.75	20	
2,4-Dichlorophenol	16.0	5.00	"	25.0		64.0	30-130		0.753	20	
2,4-Dimethylphenol	15.3	5.00	"	25.0		61.3	30-130		0.261	20	
2,4-Dinitrophenol	26.0	5.00	"	25.0		104	30-130		0.384	20	
2,4-Dinitrotoluene	18.8	5.00	"	25.0		75.1	40-140		0.478	20	
2,6-Dinitrotoluene	17.6	5.00	"	25.0		70.2	40-140		2.03	20	
2-Chloronaphthalene	13.6	5.00	"	25.0		54.2	40-140		1.39	20	
2-Methylnaphthalene	16.4	5.00	"	25.0		65.7	40-140		0.672	20	
Surrogate: SURR: Nitrobenzene-d5	*14.6*		*"*	*25.0*		*58.4*	*30-130*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.9*		*"*	*25.0*		*55.8*	*30-130*				
Surrogate: SURR: Terphenyl-d14	*21.7*		*"*	*25.0*		*86.7*	*30-130*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10928 - EPA SW846-3510C Low Level											
Blank (BB10928-BLK1)									Prepared: 02/19/2021 Analyzed: 02/22/2021		
ETPH (Extractable Total Petroleum Hydrocarbons)	ND	0.0750	mg/L								
Surrogate: 1-Chlorooctadecane	*0.0518*		*"*	*0.100*		*51.8*	*30-140*				
LCS (BB10928-BS1)									Prepared: 02/19/2021 Analyzed: 02/22/2021		
ETPH (Extractable Total Petroleum Hydrocarbons)	0.660	0.0750	mg/L	0.750		88.0	60-120				
Surrogate: 1-Chlorooctadecane	*0.0694*		*"*	*0.100*		*69.4*	*30-140*				
LCS Dup (BB10928-BSD1)									Prepared: 02/19/2021 Analyzed: 02/22/2021		
ETPH (Extractable Total Petroleum Hydrocarbons)	0.716	0.0750	mg/L	0.750		95.4	60-120		8.13	30	
Surrogate: 1-Chlorooctadecane	*0.0376*		*"*	*0.100*		*37.6*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10769 - EPA 3015A											
Blank (BB10769-BLK1)								Prepared & Analyzed: 02/17/2021			
Lead	ND	0.00556	mg/L								
LCS (BB10769-BS1)								Prepared & Analyzed: 02/17/2021			
Lead	0.501		ug/mL	0.500		100	80-120				
Duplicate (BB10769-DUP1)	*Source sample: 21B0590-02 (B-9)							Prepared: 02/17/2021 Analyzed: 02/19/2021			
Lead	ND	0.00556	mg/L		0.00588					20	
Matrix Spike (BB10769-MS1)	*Source sample: 21B0590-02 (B-9)							Prepared: 02/17/2021 Analyzed: 02/19/2021			
Lead	0.554	0.00556	mg/L	0.556	0.00588	98.6	75-125				
Post Spike (BB10769-PS1)	*Source sample: 21B0590-02 (B-9)							Prepared: 02/17/2021 Analyzed: 02/19/2021			
Lead	0.516		ug/mL	0.500	0.00529	102	75-125				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21B0590-01	B-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21B0590-02	B-9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21B0590-03	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Field Chain-of-Custody Record

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

YORK Project No. 21B0590

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: BL COMPANIES	Company: SAME	Company: SAME	2000201	RUSH - Next Day
Address: 350 RESEARCH PKWY MERIDEN CT 06450	Address: SAME	Address: SAME	YOUR Project Name: HAMDEN HIGH MEADOWS	RUSH - Two Day
Phone.: (203) 623-8458	Phone.: (860) 878-2672	Phone.: (203) 630-1406		RUSH - Three Day
Contact: MICHELE LAWRENCE	Contact: JORDANA LANGFORD	Contact: PROJECT AP		RUSH - Four Day
E-mail: mlawrence@blcompanies.com	E-mail: jlangford@blcompanies.com	E-mail: projectAP@blccompanies.com	YOUR PO#:	Standard (5-7 Day) X

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

MICHELE LAWRENCE

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

Michele Lawrence

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York
New Jersey
Connecticut X
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report
QA Report
NY ASP A Package
NY ASP B Package
CT RCP
CT RCP DQA/DUE
NJDEP Reduced Deliverables
NJDKQP
Standard Excel EDD
EQuIS (Standard)
NYSDEC EQuIS
NJDEP SRP HazSite
Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)
GWPC
SWPC

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
B-2	GW	2/16/21 | 10:40	AVOC's, ETOH, PAH's	3 voa, 3 amber
B-9	GW	2/16/21 | 11:58	AVOC's, LEAD	3 voa, 1 plastic

Comments:

Preservation: (check all that apply)
HCl X MeOH ___ HNO_3 X H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Michele Lawrence BL COMPANIES	2/16/21 15:58				
Samples Received by / Company	**Date/Time**	**Samples Relinquished by / Company**	**Date/Time**	**Samples Received by / Company**	**Date/Time**
Samples Relinquished by / Company	**Date/Time**	**Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time** / **Temp. Received at Lab**
				KBlanchard	2/16/21 1558 / 5.3 Degrees C